

# Palamo – Print Specifications

## Accepted file formats

- Adobe PDF (preferably: PDF X4)

## Files

- A resolution of min. 300 ppi at 100% scale
- Color space CMYK
- Images have to be linked within the file

## Colors

- Color space CMYK
- Max. 20 colour separations possible
- Special colors must be created in PANTONE C and clearly named  
(Adobe Illustrator steps: “Color Field Options” → “Color Field Name”: original PANTONE C spot color name → “Color Type”: full tone → “Color Space”: PANTONE C)
- Corporate colors are to be sent with color sample
- White needs an additional separation “White” and needs to be created as a full tone

Farbauszüge		
	Name	
<input checked="" type="checkbox"/>	CMYK-Farbplatten	
<input checked="" type="checkbox"/>	Prozess Cyan	0%
<input checked="" type="checkbox"/>	Prozess Magenta	0%
<input checked="" type="checkbox"/>	Prozess Gelb	0%
<input checked="" type="checkbox"/>	Prozess Schwarz	0%
<input checked="" type="checkbox"/>	Volltonfarbplatten	
<input checked="" type="checkbox"/>	White	0%
<input checked="" type="checkbox"/>	Stanze	0%
	Gesamtfarbauftrag	0%

- Metallic colors can only be simulated (print on metallic material)
- Black needs to be set as 100% black in 4C (C0 M0 Y0 K100)
- Technical colors must be clearly named and marked with “overprint”  
(Adobe Illustrator steps: “Color Field Options” → “Color Field Name” e.g. Die → “Color Type” Vollton → “Color Space” CMYK and “Attributes” → “overprint”)

## Color conversion RGB to CMYK

- If RGB-data is delivered, we automatically convert into CMYK-color space. This transformation may lead to color shifts, for which we are not responsible.

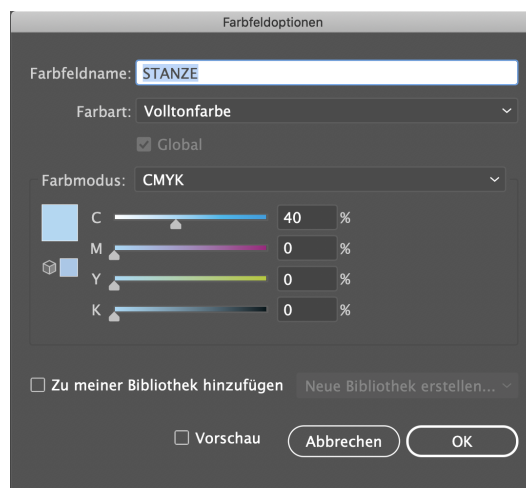
## Special colors

- Special colors can only be processed by us if they are deposited as an extra color channel in the file.

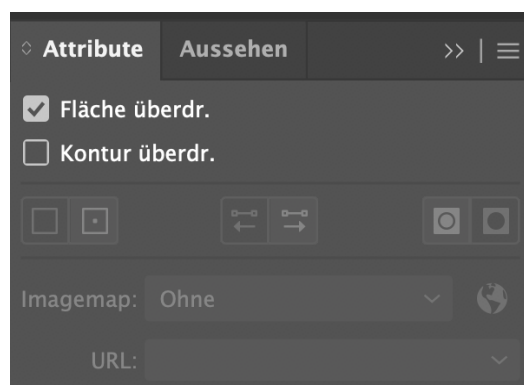
For the name of the special color, the original PANTONE C spot color name is mandatory.  
(Adobe Illustrator steps: "Color Field Options" → "Color Field Name": original PANTONE C spot color name → "Color Type": full tone → "Color Space": PANTONE C)



Example: Special Colors in Adobe Illustrator



Example: Creating special colors in Adobe Illustrator



Example: Technical colors set to overprint

## Fonts

- Min. font size 4 pt to ensure good readability
- If no more text changes have to be implemented, please convert all text to outlines  
(Adobe Illustrator steps: "select" → "type" → "create outlines")
- Fonts always need to be included in open data

**Questions?** We're happy to help! Contact us at [sales@palamo.com](mailto:sales@palamo.com)

### Format & Trim

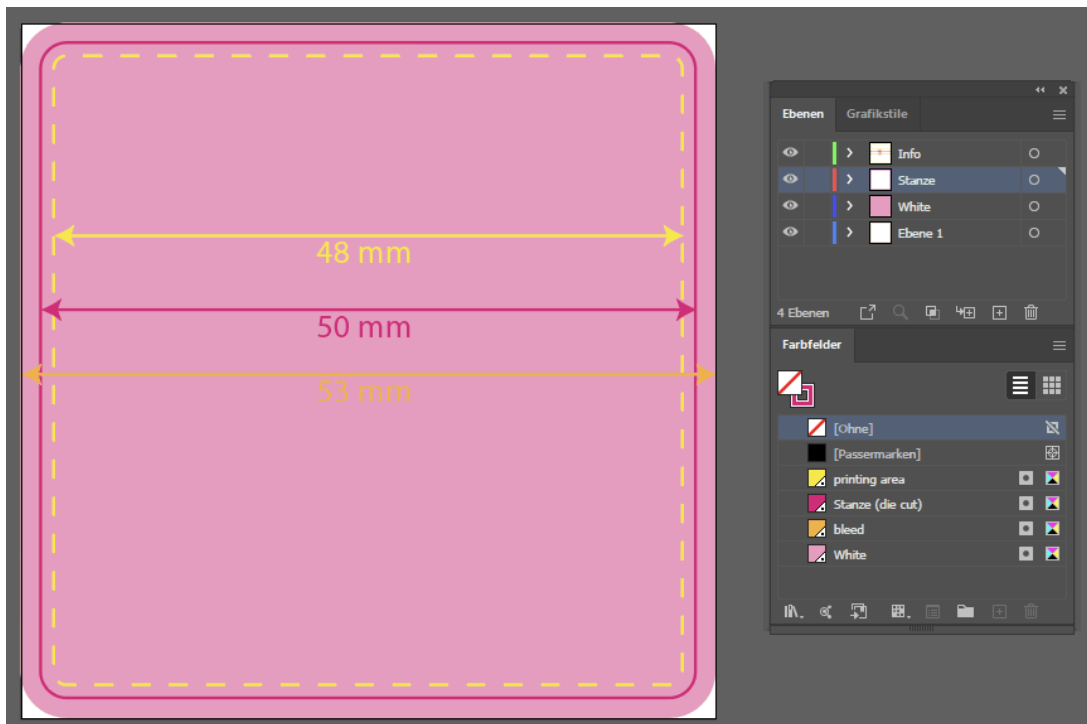
- Data must be delivered in the original size
- Dieline must be included, min. 1.5 mm circulating on all sides

### Type Area

- The type area (except bleeding elements) should have a minimum distance of 1mm to the dieline.

### Technical information

- The dieline must be created as a full tone, named "Stanze", "Cut" or "Die" and has to be set to „overprint“.
- Information such as registration marks, control stripes, etc. are not allowed.



### Barcode (ISO 15416)

Barcodes need to follow certain specifications so they can be detected by a scanner. Make sure to check the specific requirements your code needs to fulfill.

- Color - watch out, only certain colors can be used for a scanner to detect your code
- SC Size - different barcodes have different size requirements that need to be met
- Bright field - codes need to be embedded in bright backgrounds

You don't know what barcode specifications you need to fulfill? No problem, contact us at [hello@palamo.de](mailto:hello@palamo.de) and we are happy to assist you in creating the right one!

### Additional Remarks

- As the customer you are responsible for the correctness of the layout and content. We check your artwork for technical feasibility but do not check for e.g. spelling mistakes.

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