

# Converting Colors

RGB(223, 185, 218)

Have a look what the booklet for  
RGB(223, 185, 218) contains.

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# **Color**

**RGB(223, 185, 218)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DFB9DA
RGB	223, 185, 218
RGB Percent	87%, 73%, 85%
CMY	0.1255, 0.2745, 0.1451
CMYK	0.00, 0.17, 0.02, 0.13
HSL	308°, 37%, 80%
HSV	308°, 17%, 87%
XYZ	60.4353, 55.4479, 73.8469
YIQ	200.1240, 12.0550, 18.3190

# Conversions

## Conversions Part 2

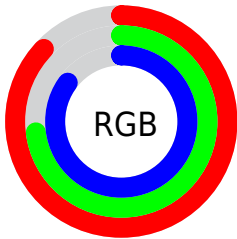
Format	Color
R <sub>Y</sub> B	223, 185, 218
Decimal	14662106
CIE Lab	79.30, 19.18, -11.41
CIE LCh	79, 22.321, 329.252
Yxy	55.4479, 0.3185, 0.2922
Android (android.graphics.Color)	4292852186 (0xFFDFB9DA)
YUV	200.1240, 8.8129, 20.0623
Hunter-Lab	74.4633, 14.5618, -6.6749

# Details

The RGB color **223, 185, 218** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **185, 223, 190**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 241, 255**, and **168, 132, 163** is the 20% darker color. If you saturate the color by 10%, you get **223, 163, 215**, and if you desaturate by 10%, it is **223, 207, 221**.

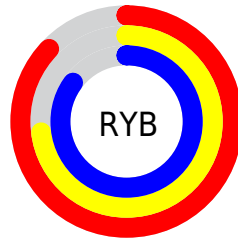
# Distribution



Red (87%)

Green (73%)

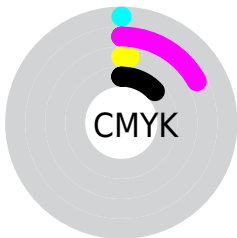
Blue (85%)



Red (87%)

Yellow (73%)

Blue (85%)

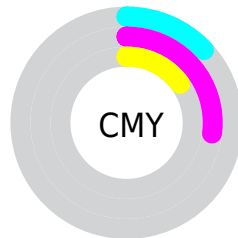


Cyan (0%)

Magenta (17%)

Yellow (2%)

Black (13%)



Cyan (13%)

Magenta (27%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 223, 185, 218 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 223, 185, 218 by changing the saturation by 10% instead.



■ 223, 185, 218

255, 255, 255

■ 255, 241, 255

■ 223, 185, 218

■ 195, 158, 190

■ 168, 132, 163

■ 141, 106, 137

■ 115, 82, 111

■ 90, 59, 87

■ 66, 36, 64

■ 44, 15, 42

■ 24, 0, 22

■ 0, 0, 0

 223, 185, 218

 223, 185, 218

 223, 163, 215


 223, 207, 221

 223, 140, 212


 223, 230, 224

 223, 118, 209


 223, 252, 227

 223, 96, 206


 223, 255, 230

 223, 74, 203

 223, 255, 233

 223, 51, 200

 223, 255, 236

 223, 29, 197

 223, 255, 239

 223, 7, 195

 223, 255, 241

 223, 0, 194

 223, 255, 244

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



199, 191, 233



223, 185, 218



237, 182, 198

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223, 185, 218



213, 195, 155



139, 208, 216

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



223, 185, 218



185, 223, 190

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



147, 208, 195



223, 185, 218



190, 201, 160

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223, 185, 218



230, 188, 161



167, 206, 175



148, 204, 231

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



223, 185, 218



240, 182, 184



167, 206, 175



140, 208, 209



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



223, 185, 218



255, 242, 253



189, 185, 223



128, 120, 126



0, 0, 0



128, 128, 128



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



223, 185, 218



255, 204, 248



223, 185, 200



112, 101, 111



176, 0, 153



48, 0, 42



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



223, 185, 218



255, 204, 248



185, 223, 208



112, 101, 111



176, 0, 153



48, 0, 42



# Previews

## White Background



This preview shows how the RGB color 223, 185, 218 looks on a white background.

## Color Contrast Check

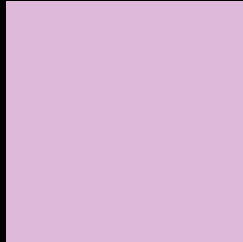
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RGB color 223, 185, 218 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

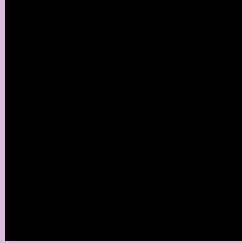
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 223, 185, 218 Background



This preview shows how black text looks on a background with the RGB color 223, 185, 218.

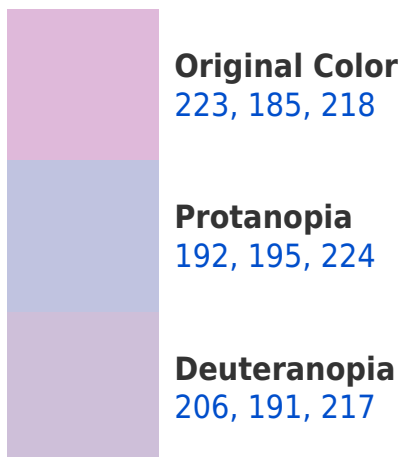



This preview shows how white text looks on a background with the RGB color 223, 185, 218.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
221, 188, 202

# Trichromacy



**Original Color**  
223, 185, 218

**Protanomaly**  
203, 191, 222

**Deuteranomaly**  
212, 189, 217

**Tritanomaly**  
222, 187, 208

# Monochromacy



**Original Color**  
223, 185, 218

**Achromatopsia**  
200, 200, 200

**Achromatomaly**  
208, 195, 207

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 223, 185, 218 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(223, 185, 218)` looks like.

```
.text, #text, p{  
    color:rgb(223, 185, 218)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(223, 185, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 185, 218) }
```

## Border

The CSS property to change the border of an element to RGB 223, 185, 218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

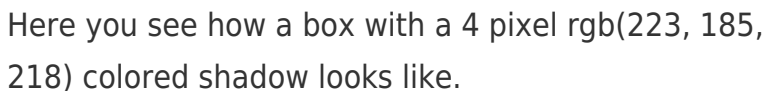
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 185, 218) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(223, 185, 218) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(223, 185, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 185, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 185, 218);  
box-shadow:4px 4px 4px 4px rgb(223, 185,  
218) }
```

# Background

The CSS property to change the background color of an element to RGB 223, 185, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 185, 218) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(223,  
185, 218) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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