

# Converting Colors

RGB(230, 180, 219)

Have a look what the booklet for  
RGB(230, 180, 219) contains.

<b>RGB(230, 180, 219)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(230, 180, 219)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6B4DB
RGB	230, 180, 219
RGB Percent	90%, 71%, 86%
CMY	0.0980, 0.2941, 0.1412
CMYK	0.00, 0.22, 0.05, 0.10
HSL	313°, 50%, 80%
HSV	313°, 22%, 90%
XYZ	61.7406, 54.5800, 74.2987
YIQ	199.3960, 17.2810, 22.7290

# Conversions

## Conversions Part 2

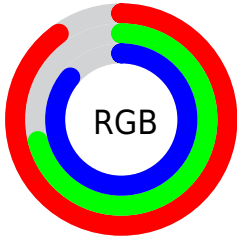
Format	Color
R <sub>Y</sub> B	230, 180, 219
Decimal	15119579
CIE Lab	78.80, 24.41, -12.63
CIE LCh	79, 27.485, 332.641
Yxy	54.5800, 0.3239, 0.2863
Android (android.graphics.Color)	4293309659 (0xFFE6B4DB)
YUV	199.3960, 9.6648, 26.8397
Hunter-Lab	73.8783, 19.8867, -7.9127

# Details

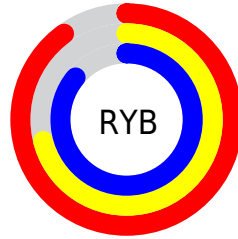
The RGB color **230, 180, 219** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **180, 230, 191**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **255, 236, 255**, and **174, 127, 164** is the 20% darker color. If you saturate the color by 10%, you get **230, 157, 214**, and if you desaturate by 10%, it is **230, 203, 224**.

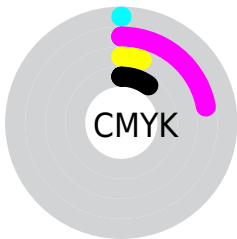
# Distribution



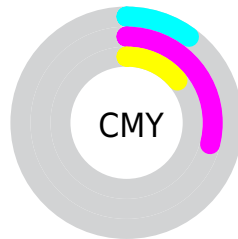
- Red (90%)
- Green (71%)
- Blue (86%)



- Red (90%)
- Yellow (71%)
- Blue (86%)



- Cyan (0%)
- Magenta (22%)
- Yellow (5%)
- Black (10%)




- Cyan (10%)
- Magenta (29%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 230, 180, 219 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 230, 180, 219 by changing the saturation by 10% instead.




 230, 180, 219

255, 255, 255


 255, 236, 255

 230, 180, 219


 202, 153, 191

 174, 127, 164

 147, 101, 138

 121, 77, 112

 96, 54, 88


 71, 31, 64


 48, 9, 42

 28, 0, 22


 0, 0, 0

 230, 180, 219


 230, 180, 219

 230, 157, 214


 230, 203, 224

 230, 134, 209


 230, 226, 229

 230, 111, 204

 230, 249, 234

 230, 88, 199


 230, 255, 239

 230, 65, 194

 230, 255, 244

 230, 42, 189

 230, 255, 249

 230, 19, 184

 230, 255, 254

 230, 0, 179

 230, 255, 255

# Harmonies

## Analogous

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



202, 188, 238



230, 180, 219



245, 177, 194

# Triad

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



230, 180, 219



212, 194, 144



120, 208, 222

# Complementary

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



230, 180, 219



180, 230, 191

# 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.



130, 210, 196



230, 180, 219



184, 202, 152

# Square

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



230, 180, 219



234, 186, 150



155, 207, 171



135, 204, 240

# Rectangle

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



230, 180, 219



247, 177, 177



155, 207, 171



121, 209, 214



# Sweetspot

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



230, 180, 219



255, 237, 251



191, 180, 230



128, 117, 125



0, 0, 0



128, 128, 128



# Same Dimension

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



230, 180, 219



255, 189, 240



230, 180, 194



115, 103, 112



179, 0, 139



51, 0, 40



# Inverse Universe

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



230, 180, 219



255, 189, 240



180, 230, 216



115, 103, 112



179, 0, 139

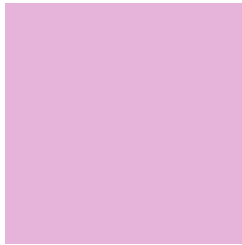


51, 0, 40



# Previews

## White Background



This preview shows how the RGB color 230, 180, 219 looks on a white background.

## Color Contrast Check

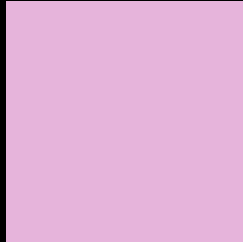
Large Text (above 18pt) WCAG AA × Fail

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 230, 180, 219 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

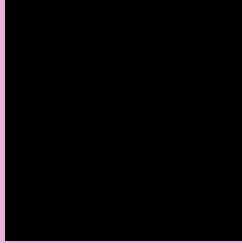
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 230, 180, 219 Background



This preview shows how black text looks on a background with the RGB color 230, 180, 219.

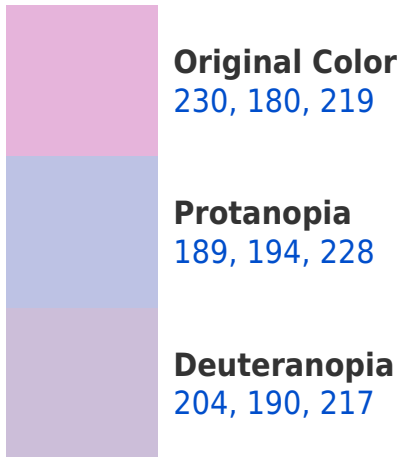



This preview shows how white text looks on a background with the RGB color 230, 180, 219.

# 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**  
227, 184, 198

# Trichromacy



**Original Color**

230, 180, 219



**Protanomaly**

204, 189, 225



**Deuteranomaly**

213, 186, 218



**Tritanomaly**

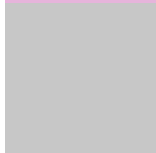
228, 183, 206

# Monochromacy



**Original Color**

230, 180, 219



**Achromatopsia**

199, 199, 199



**Achromatomaly**

210, 192, 206

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 230, 180, 219 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(230, 180, 219) looks like.

```
.text, #text, p{  
    color:rgb(230, 180, 219)  
}
```

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(230, 180, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 180, 219) }
```

## Border

The CSS property to change the border of an element to RGB 230, 180, 219 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(230, 180, 219) }
```

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

```
.border{ border-color:rgb(230, 180, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 180, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 180, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 180, 219);  
box-shadow:4px 4px 4px 4px rgb(230, 180,  
219) }
```

# Background

The CSS property to change the background color of an element to RGB 230, 180, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 180, 219) }
```

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

```
.background{ background-color: rgb(230,  
180, 219) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor