

Converting Colors

RGB(230, 186, 220)

Have a look what the booklet for
RGB(230, 186, 220) contains.

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Color

RGB(230, 186, 220)

Conversions

Conversions Part 1

Format	Color
Hex	E6BADC
RGB	230, 186, 220
RGB Percent	90%, 73%, 86%
CMY	0.0980, 0.2706, 0.1373
CMYK	0.00, 0.19, 0.04, 0.10
HSL	314°, 47%, 82%
HSV	314°, 19%, 90%
XYZ	63.1103, 57.1081, 75.4068
YIQ	203.0320, 15.3100, 19.9020

Conversions

Conversions Part 2

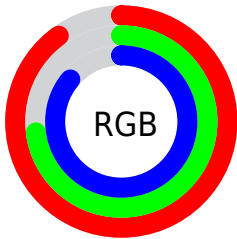
Format	Color
R _Y B	230, 186, 220
Decimal	15121116
CIE Lab	80.24, 21.38, -11.02
CIE LCh	80, 24.048, 332.734
Yxy	57.1081, 0.3226, 0.2919
Android (android.graphics.Color)	4293311196 (0xFFE6BADC)
YUV	203.0320, 8.3652, 23.6509
Hunter-Lab	75.5699, 16.8224, -6.2631

Details

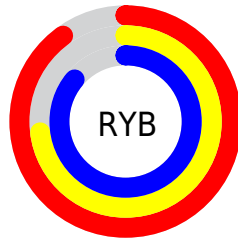
The RGB color **230, 186, 220** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **186, 230, 196**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 242, 255**, and **174, 133, 165** is the 20% darker color. If you saturate the color by 10%, you get **230, 163, 215**, and if you desaturate by 10%, it is **230, 209, 225**.

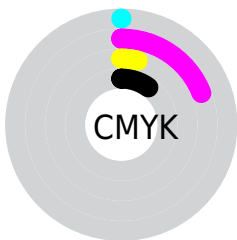
Distribution



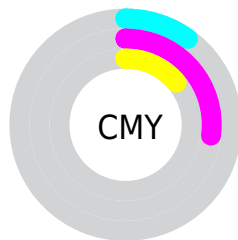
- Red (90%)
- Green (73%)
- Blue (86%)



- Red (90%)
- Yellow (73%)
- Blue (86%)



- Cyan (0%)
- Magenta (19%)
- Yellow (4%)
- Black (10%)



- Cyan (10%)
- Magenta (27%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 186, 220 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, 186, 220 by changing the saturation by 10% instead.


 230, 186, 220


255, 255, 255


 255, 242, 255

 230, 186, 220

 202, 159, 192


 174, 133, 165

 147, 107, 139

 121, 83, 113

 96, 59, 89

 72, 37, 65

 48, 15, 43

 30, 0, 23

 0, 0, 0

■ 230, 186, 220

■ 230, 186, 220

■ 230, 163, 215

■ 230, 209, 225

■ 230, 140, 210

■ 230, 232, 230

■ 230, 117, 204

■ 230, 255, 236

■ 230, 94, 199

■ 230, 255, 241

■ 230, 71, 194

■ 230, 255, 246

■ 230, 48, 189

■ 230, 255, 251

■ 230, 25, 183

■ 230, 255, 255

■ 230, 2, 178

■ 230, 0, 178

Harmonies

Analogous

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



206, 193, 237



230, 186, 220



244, 183, 198

Triad

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



230, 186, 220



214, 198, 154



136, 211, 222

Complementary

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



230, 186, 220



186, 230, 196

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.



143, 212, 200



230, 186, 220



189, 205, 161

Square

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



230, 186, 220



234, 191, 160



164, 210, 178



149, 207, 238

Rectangle

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



230, 186, 220



246, 184, 183



164, 210, 178



137, 212, 216

Sweetspot

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



230, 186, 220



255, 240, 252



196, 186, 230



128, 119, 125



0, 0, 0



128, 128, 128

Same Dimension

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



230, 186, 220



255, 196, 242



230, 186, 198



115, 103, 112



179, 0, 138



51, 0, 39

Inverse Universe

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



230, 186, 220



255, 196, 242



186, 230, 218



115, 103, 112



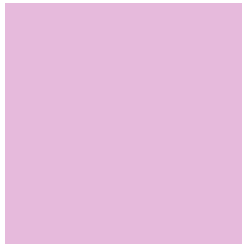
179, 0, 138



51, 0, 39

Previews

White Background



This preview shows how the RGB color 230, 186, 220 looks on a white background.

Color Contrast Check

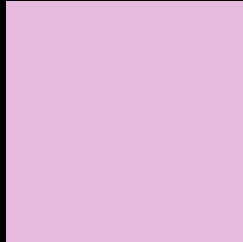
Large Text (above 18pt) WCAG AA × Fail

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, 186, 220 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, 186, 220 Background



This preview shows how black text looks on a background with the RGB color 230, 186, 220.



This preview shows how white text looks on a background with the RGB color 230, 186, 220.

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



Original Color
230, 186, 220

Protanopia
194, 198, 227

Deuteranopia
210, 194, 219



Tritanopia
228, 189, 204

Trichromacy



Original Color
230, 186, 220

Protanomaly
207, 194, 224

Deuteranomaly
217, 191, 219

Tritanomaly
229, 188, 210

Monochromacy



Original Color
230, 186, 220

Achromatopsia
203, 203, 203

Achromatomaly
213, 197, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 186, 220 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, 186, 220) looks like.

```
.text, #text, p{  
    color:rgb(230, 186, 220)  
}
```

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, 186, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 186, 220) }
```

Border

The CSS property to change the border of an element to RGB 230, 186, 220 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, 186, 220) }
```

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

```
.border{ border-color:rgb(230, 186, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 186, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 186, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 186, 220);  
box-shadow:4px 4px 4px 4px rgb(230, 186,  
220) }
```

Background

The CSS property to change the background color of an element to RGB 230, 186, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 186, 220) }
```

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

```
.background{ background-color: rgb(230,  
186, 220) }
```

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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