

Converting Colors

RGB(223, 188, 226)

Have a look what the booklet for
RGB(223, 188, 226) contains.

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Color

RGB(223, 188, 226)

Conversions

Conversions Part 1

Format	Color
Hex	DFBCE2
RGB	223, 188, 226
RGB Percent	87%, 74%, 89%
CMY	0.1255, 0.2627, 0.1137
CMYK	0.01, 0.17, 0.00, 0.11
HSL	295°, 40%, 81%
HSV	295°, 17%, 89%
XYZ	62.1421, 57.1454, 79.7064
YIQ	202.7970, 8.6620, 19.2380

Conversions

Conversions Part 2

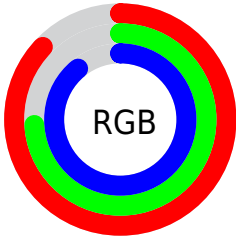
Format	Color
R _Y B	223, 188, 226
Decimal	14662882
CIE Lab	80.26, 19.04, -14.28
CIE LCh	80, 23.804, 323.131
Yxy	57.1454, 0.3123, 0.2872
Android (android.graphics.Color)	4292852962 (0xFFDFBCE2)
YUV	202.7970, 11.4391, 17.7180
Hunter-Lab	75.5946, 14.4444, -9.5988

Details

The RGB color **223, 188, 226** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **191, 226, 188**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 244, 255**, and **168, 135, 171** is the 20% darker color. If you saturate the color by 10%, you get **221, 165, 226**, and if you desaturate by 10%, it is **225, 211, 226**.

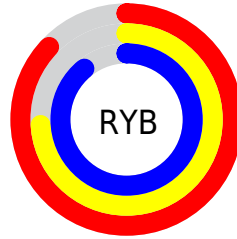
Distribution



Red (87%)

Green (74%)

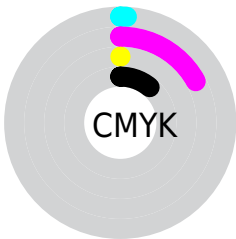
Blue (89%)



Red (87%)

Yellow (74%)

Blue (89%)

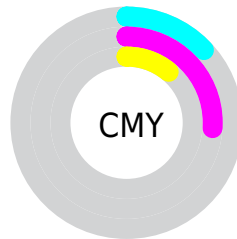


Cyan (1%)

Magenta (17%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (26%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 223, 188, 226 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, 188, 226 by changing the saturation by 10% instead.

 223, 188, 226


255, 255, 255

 255, 244, 255


 223, 188, 226


 195, 161, 198


 168, 135, 171

 141, 109, 144

 115, 85, 118

 90, 61, 94

 66, 39, 70


 44, 18, 48

 26, 0, 27

 0, 0, 0

 223, 188, 226

 223, 188, 226

 221, 165, 226

 225, 211, 226

 219, 143, 226

 227, 233, 226

 218, 120, 226

 228, 255, 226

 216, 98, 226


 230, 255, 226

 214, 75, 226

 232, 255, 226

 212, 52, 226

 234, 255, 226

 211, 30, 226

 235, 255, 226

 209, 7, 226

 237, 255, 226

 208, 0, 226

 239, 255, 226

Harmonies

Analogous

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



196, 195, 240



223, 188, 226



240, 184, 205

Triad

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



223, 188, 226



221, 196, 155



137, 212, 216

Complementary

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



223, 188, 226



191, 226, 188

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.



150, 212, 193



223, 188, 226



198, 203, 158

Square

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



223, 188, 226



238, 189, 164



172, 209, 172



143, 208, 234

Rectangle

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



223, 188, 226



245, 183, 190



172, 209, 172



140, 212, 208

Sweetspot

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



223, 188, 226



254, 242, 255



188, 191, 226



127, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



223, 188, 226



251, 204, 255



226, 188, 210



111, 101, 112



162, 0, 176



45, 0, 48

Inverse Universe

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



226, 188, 191



255, 204, 208



188, 226, 204



112, 101, 102



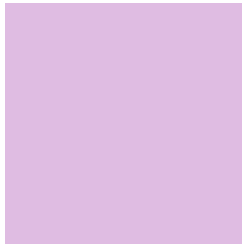
176, 0, 14



48, 0, 4

Previews

White Background



This preview shows how the RGB color 223, 188, 226 looks on a white background.

Color Contrast Check

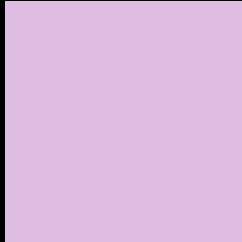
Large Text (above 18pt) WCAG AA × Fail

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, 188, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

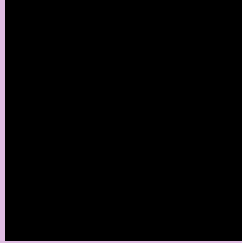
Any Text WCAG AA ✓ Pass

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, 188, 226 Background



This preview shows how black text looks on a background with the RGB color 223, 188, 226.



This preview shows how white text looks on a background with the RGB color 223, 188, 226.

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
223, 188, 226

Protanopia
193, 198, 232

Deuteranopia
207, 194, 225



Tritanopia
220, 191, 206

Trichromacy



Original Color

223, 188, 226

Protanomaly

204, 194, 230

Deuteranomaly

213, 192, 225

Tritanomaly

221, 190, 213

Monochromacy



Original Color

223, 188, 226

Achromatopsia

203, 203, 203

Achromatomaly

210, 198, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 223, 188, 226 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, 188, 226)` looks like.

```
.text, #text, p{  
    color:rgb(223, 188, 226)  
}
```

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, 188, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 188, 226) }
```

Border

The CSS property to change the border of an element to RGB 223, 188, 226 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, 188, 226) }
```

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

```
.border{ border-color:rgb(223, 188, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 188, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 188, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 188, 226);  
box-shadow:4px 4px 4px 4px rgb(223, 188,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 223, 188, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 188, 226) }
```

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

```
.background{ background-color: rgb(223,  
188, 226) }
```

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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