

Converting Colors

RGB(220, 202, 216)

Have a look what the booklet for
RGB(220, 202, 216) contains.

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Color

RGB(220, 202, 216)

Conversions

Conversions Part 1

Format	Color
Hex	DCCAD8
RGB	220, 202, 216
RGB Percent	86%, 79%, 85%
CMY	0.1373, 0.2078, 0.1529
CMYK	0.00, 0.08, 0.02, 0.14
HSL	313°, 20%, 83%
HSV	313°, 8%, 86%
XYZ	63.0304, 62.4146, 73.6909
YIQ	208.9780, 6.2340, 8.1700

Conversions

Conversions Part 2

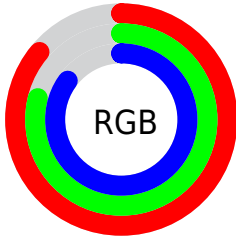
Format	Color
R _Y B	220, 202, 216
Decimal	14469848
CIE Lab	83.13, 8.72, -4.68
CIE LCh	83, 9.896, 331.801
Yxy	62.4146, 0.3165, 0.3134
Android (android.graphics.Color)	4292659928 (0xFFDCCAD8)
YUV	208.9780, 3.4618, 9.6663
Hunter-Lab	79.0029, 4.1565, -0.0014

Details

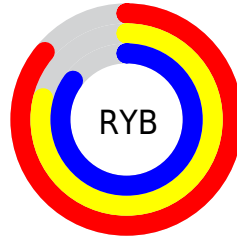
The RGB color **220, 202, 216** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **202, 220, 206**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **255, 255, 255**, and **165, 148, 161** is the 20% darker color. If you saturate the color by 10%, you get **220, 180, 211**, and if you desaturate by 10%, it is **220, 224, 221**.

Distribution



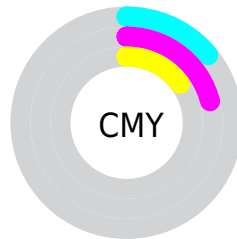
- Red (86%)
- Green (79%)
- Blue (85%)



- Red (86%)
- Yellow (79%)
- Blue (85%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 220, 202, 216 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 220, 202, 216 by changing the saturation by 10% instead.

■ 220, 202, 216

255, 255, 255

■ 220, 202, 216

■ 192, 175, 188

■ 165, 148, 161

■ 139, 122, 135

■ 113, 97, 110

■ 89, 74, 85

■ 65, 51, 62


■ 43, 30, 40

■ 23, 5, 20


■ 0, 0, 0

 220, 202, 216


 220, 202, 216

 220, 180, 211


 220, 224, 221

 220, 158, 206

 220, 246, 226

 220, 136, 201


 220, 255, 231

 220, 114, 196

 220, 255, 236

 220, 92, 192


 220, 255, 240

 220, 70, 187

 220, 255, 245

 220, 48, 182

 220, 255, 250

 220, 26, 177

 220, 255, 255

 220, 4, 172

Harmonies

Analogous

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



210, 205, 223



220, 202, 216



226, 201, 207

Triad

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



220, 202, 216



214, 207, 189



184, 212, 216

Complementary

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



220, 202, 216



202, 220, 206

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.



186, 213, 207



220, 202, 216



204, 209, 191

Square

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



220, 202, 216



223, 204, 191



193, 212, 198



189, 210, 223

Rectangle

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



220, 202, 216



228, 201, 201



193, 212, 198



184, 213, 214

Sweetspot

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



220, 202, 216



255, 250, 254



206, 202, 220



128, 125, 127



0, 0, 0



128, 128, 128

Same Dimension

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



220, 202, 216



255, 230, 249



220, 202, 207



110, 99, 107



173, 0, 135



46, 0, 36

Inverse Universe

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



220, 202, 216



255, 230, 249



202, 220, 215



110, 99, 107



173, 0, 135



46, 0, 36

Previews

White Background



This preview shows how the RGB color 220, 202, 216 looks on a white background.

Color Contrast Check

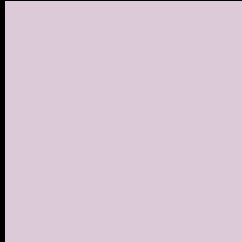
Large Text (above 18pt) WCAG AA × Fail

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 220, 202, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

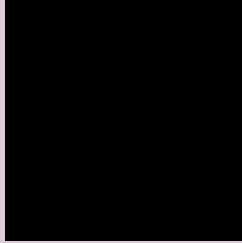
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

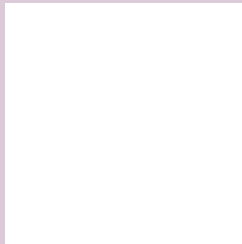
Any Text WCAG AAA ✓ Pass

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

RGB 220, 202, 216 Background



This preview shows how black text looks on a background with the RGB color 220, 202, 216.



This preview shows how white text looks on a background with the RGB color 220, 202, 216.

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
220, 202, 216

Protanopia
208, 206, 218

Deuteranopia
223, 201, 216



Tritanopia
220, 202, 218

Trichromacy



Original Color

220, 202, 216

Protanomaly

212, 205, 217

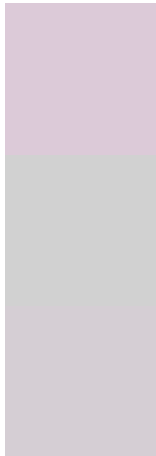
Deuteranomaly

222, 201, 216

Tritanomaly

220, 202, 217

Monochromacy



Original Color

220, 202, 216

Achromatopsia

209, 209, 209

Achromatomaly

213, 206, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 202, 216 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(220, 202, 216)` looks like.

```
.text, #text, p{  
    color:rgb(220, 202, 216)  
}
```

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(220, 202, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 202, 216) }
```

Border

The CSS property to change the border of an element to RGB 220, 202, 216 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(220, 202, 216) }
```

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

```
.border{ border-color:rgb(220, 202, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 202, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 202, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 202, 216);  
box-shadow:4px 4px 4px 4px rgb(220, 202,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 220, 202, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 202, 216) }
```

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

```
.background{ background-color: rgb(220,  
202, 216) }
```

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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