

Converting Colors

RGB(208, 132, 175)

Have a look what the booklet for
RGB(208, 132, 175) contains.

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Color

RGB(208, 132, 175)

Conversions

Conversions Part 1

Format	Color
Hex	D084AF
RGB	208, 132, 175
RGB Percent	82%, 52%, 69%
CMY	0.1843, 0.4824, 0.3137
CMYK	0.00, 0.37, 0.16, 0.18
HSL	326°, 45%, 67%
HSV	326°, 37%, 82%
XYZ	42.0016, 33.0076, 44.7148
YIQ	159.6260, 31.4930, 29.4850

Conversions

Conversions Part 2

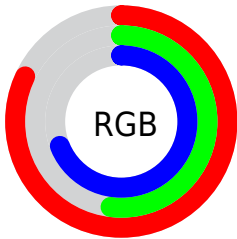
Format	Color
R_{YB}	208, 132, 175
Decimal	13665455
CIE _{Lab}	64.17, 35.30, -10.44
CIE _{LCh}	64, 36.807, 343.521
Yxy	33.0076, 0.3508, 0.2757
Android (android.graphics.Color)	4291855535 (0xFFD084AF)
YUV	159.6260, 7.5794, 42.4240
Hunter-Lab	57.4522, 29.9545, -5.9286

Details

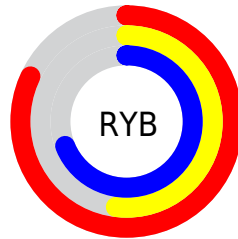
The RGB color **208, 132, 175** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **132, 208, 165**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **255, 186, 231**, and **152, 81, 123** is the 20% darker color. If you saturate the color by 10%, you get **208, 111, 166**, and if you desaturate by 10%, it is **208, 153, 184**.

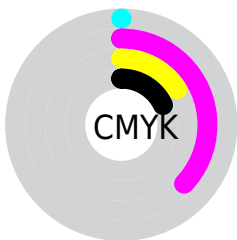
Distribution



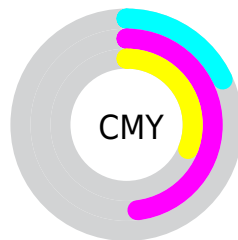
- Red (82%)
- Green (52%)
- Blue (69%)



- Red (82%)
- Yellow (52%)
- Blue (69%)



- Cyan (0%)
- Magenta (37%)
- Yellow (16%)
- Black (18%)



- Cyan (18%)
- Magenta (48%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 208, 132, 175 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 208, 132, 175 by changing the saturation by 10% instead.

 208, 132, 175


255, 255, 255

 255, 186, 231

 255, 214, 255

 255, 243, 255

 208, 132, 175

 180, 106, 148

 152, 81, 123

 125, 56, 98

 99, 31, 74


 74, 4, 51

 50, 0, 30

 22, 0, 1

 0, 0, 0

 208, 132, 175

 208, 132, 175


 208, 111, 166

 208, 153, 184

 208, 90, 157


 208, 174, 193

 208, 70, 148

 208, 194, 202

 208, 49, 139

 208, 215, 211

 208, 28, 130

 208, 236, 220

 208, 7, 121

 208, 255, 229

 208, 0, 118

 208, 255, 238

 208, 255, 247

 208, 255, 255

Harmonies

Analogous

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



178, 142, 203



208, 132, 175



219, 130, 142

Triad

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



208, 132, 175



162, 158, 91



0, 171, 200

Complementary

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



208, 132, 175



132, 208, 165

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.



26, 173, 170



208, 132, 175



126, 167, 107

Square

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



208, 132, 175



193, 147, 93



83, 172, 136



72, 164, 218

Rectangle

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



208, 132, 175



217, 133, 121



83, 172, 136



0, 172, 191

Sweetspot

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



208, 132, 175



255, 227, 243



165, 132, 208



128, 111, 120



0, 0, 0



128, 128, 128

Same Dimension

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



208, 132, 175



255, 143, 206



208, 132, 137



105, 94, 100



168, 0, 95



41, 0, 23

Inverse Universe

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



208, 132, 175



255, 143, 206



132, 208, 203



105, 94, 100



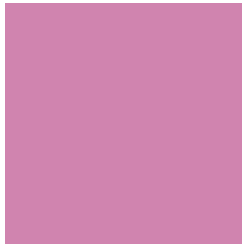
168, 0, 95



41, 0, 23

Previews

White Background



This preview shows how the RGB color 208, 132, 175 looks on a white background.

Color Contrast Check

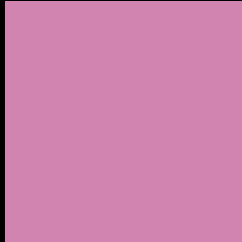
Large Text (above 18pt) WCAG AA × Fail

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 208, 132, 175 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 208, 132, 175 Background



This preview shows how black text looks on a background with the RGB color 208, 132, 175.



This preview shows how white text looks on a background with the RGB color 208, 132, 175.

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
208, 132, 175

Protanopia
148, 154, 190

Deuteranopia
164, 152, 171



Tritanopia
205, 137, 147

Trichromacy



Original Color
208, 132, 175

Protanomaly
170, 146, 185

Deuteranomaly
180, 145, 172

Tritanomaly
206, 135, 157

Monochromacy



Original Color
208, 132, 175

Achromatopsia
160, 160, 160

Achromatomaly
177, 150, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 208, 132, 175 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(208, 132, 175) looks like.

```
.text, #text, p{  
    color:rgb(208, 132, 175)  
}
```

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(208, 132, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 132, 175) }
```

Border

The CSS property to change the border of an element to RGB 208, 132, 175 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(208, 132, 175) }
```

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

```
.border{ border-color:rgb(208, 132, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 132, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 132, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 132, 175);  
box-shadow:4px 4px 4px 4px rgb(208, 132,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 208, 132, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 132, 175) }
```

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

```
.background{ background-color: rgb(208,  
132, 175) }
```

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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