

Converting Colors

RGB(208, 103, 171)

Have a look what the booklet for
RGB(208, 103, 171) contains.

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Color

RGB(208, 103, 171)

Conversions

Conversions Part 1

Format	Color
Hex	D067AB
RGB	208, 103, 171
RGB Percent	82%, 40%, 67%
CMY	0.1843, 0.5961, 0.3294
CMYK	0.00, 0.50, 0.18, 0.18
HSL	321°, 53%, 61%
HSV	321°, 50%, 82%
XYZ	38.2134, 26.0507, 41.5423
YIQ	142.1470, 40.7520, 43.4080

Conversions

Conversions Part 2

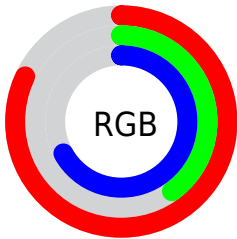
Format	Color
R _Y B	208, 103, 171
Decimal	13658027
CIE Lab	58.09, 49.70, -17.32
CIE LCh	58, 52.631, 340.782
Yxy	26.0507, 0.3612, 0.2462
Android (android.graphics.Color)	4291848107 (0xFFD067AB)
YUV	142.1470, 14.2245, 57.7531
Hunter-Lab	51.0399, 44.3226, -12.5293

Details

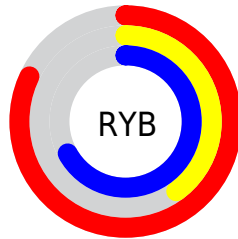
The RGB color **208, 103, 171** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **103, 208, 140**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **255, 157, 226**, and **151, 49, 119** is the 20% darker color. If you saturate the color by 10%, you get **208, 82, 164**, and if you desaturate by 10%, it is **208, 124, 178**.

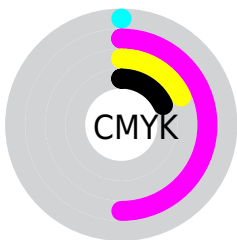
Distribution



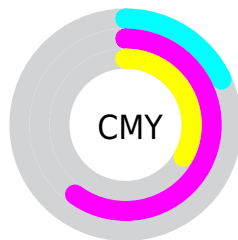
- Red (82%)
- Green (40%)
- Blue (67%)



- Red (82%)
- Yellow (40%)
- Blue (67%)



- Cyan (0%)
- Magenta (50%)
- Yellow (18%)
- Black (18%)



- Cyan (18%)
- Magenta (60%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 208, 103, 171 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, 103, 171 by changing the saturation by 10% instead.

 208, 103, 171


255, 255, 255

 255, 157, 226


 255, 185, 255

 255, 214, 255

 255, 243, 255

 208, 103, 171

 179, 76, 144

 151, 49, 119

 124, 18, 94

 97, 0, 70

 70, 0, 48


 47, 0, 27


 0, 0, 0

 208, 103, 171

 208, 82, 164


 208, 103, 171

 208, 124, 178

 208, 61, 156

 208, 145, 186

 208, 41, 149

 208, 165, 193

 208, 20, 142

 208, 186, 200

 208, 0, 135

 208, 207, 208

 208, 228, 215

 208, 249, 222

 208, 255, 230

 208, 255, 237

Harmonies

Analogous

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



164, 120, 210



208, 103, 171



224, 98, 125

Triad

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



208, 103, 171



149, 143, 41



0, 160, 199

Complementary

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



208, 103, 171



103, 208, 140

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.



0, 162, 155



208, 103, 171



99, 154, 66

Square

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



208, 103, 171



189, 126, 50



0, 160, 108



0, 153, 226

Rectangle

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



208, 103, 171



221, 104, 95



0, 160, 108



0, 161, 185

Sweetspot

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



208, 103, 171



255, 217, 242



140, 103, 208



128, 105, 119



0, 0, 0



128, 128, 128

Same Dimension

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



208, 103, 171



255, 99, 200



208, 103, 119



105, 94, 101



168, 0, 109



41, 0, 26

Inverse Universe

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



208, 103, 171



255, 99, 200



103, 208, 192



105, 94, 101



168, 0, 109



41, 0, 26

Previews

White Background



This preview shows how the RGB color 208, 103, 171 looks on a white background.

Color Contrast Check

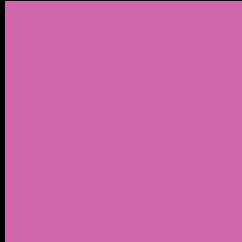
Large Text (above 18pt) WCAG AA ✓ Pass

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, 103, 171 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 × Fail

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

RGB 208, 103, 171 Background



This preview shows how black text looks on a background with the RGB color 208, 103, 171.

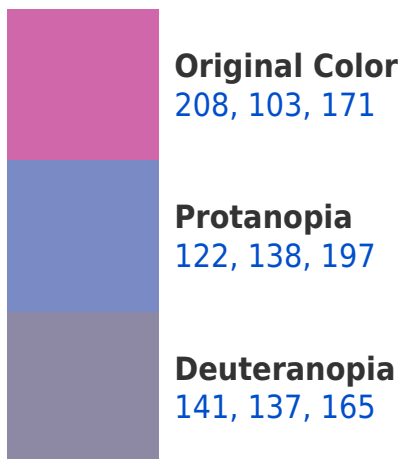



This preview shows how white text looks on a background with the RGB color 208, 103, 171.

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
203, 114, 122

Trichromacy



Original Color

208, 103, 171



Protanomaly

153, 125, 188



Deuteranomaly

165, 125, 167



Tritanomaly

205, 110, 140

Monochromacy



Original Color

208, 103, 171



Achromatopsia

142, 142, 142



Achromatomaly

166, 128, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 208, 103, 171 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, 103, 171)` looks like.

```
.text, #text, p{  
    color:rgb(208, 103, 171)  
}
```

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, 103, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 103, 171) }
```

Border

The CSS property to change the border of an element to RGB 208, 103, 171 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, 103, 171) }
```

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

```
.border{ border-color:rgb(208, 103, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 103, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 103, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 103, 171);  
box-shadow:4px 4px 4px 4px rgb(208, 103,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 208, 103, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 103, 171) }
```

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

```
.background{ background-color: rgb(208,  
103, 171) }
```

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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