

Converting Colors

RGB(212, 101, 188)

Have a look what the booklet for
RGB(212, 101, 188) contains.

RGB(212, 101, 188)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(212, 101, 188)

Conversions

Conversions Part 1

Format	Color
Hex	D465BC
RGB	212, 101, 188
RGB Percent	83%, 40%, 74%
CMY	0.1686, 0.6039, 0.2627
CMYK	0.00, 0.52, 0.11, 0.17
HSL	313°, 56%, 61%
HSV	313°, 52%, 83%
XYZ	40.8822, 26.9352, 50.6212
YIQ	144.1070, 38.2290, 50.5890

Conversions

Conversions Part 2

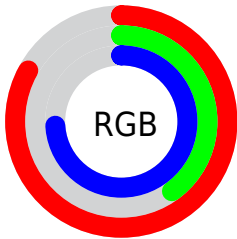
Format	Color
R _Y B	212, 101, 188
Decimal	13919676
CIE Lab	58.91, 54.52, -25.77
CIE LCh	59, 60.307, 334.699
Yxy	26.9352, 0.3452, 0.2274
Android (android.graphics.Color)	4292109756 (0xFFD465BC)
YUV	144.1070, 21.6392, 59.5422
Hunter-Lab	51.8992, 49.7849, -21.5007

Details

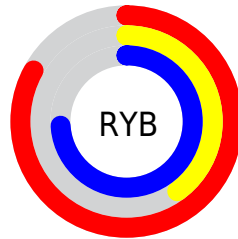
The RGB color **212, 101, 188** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **101, 212, 125**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **255, 156, 244**, and **155, 46, 134** is the 20% darker color. If you saturate the color by 10%, you get **212, 80, 183**, and if you desaturate by 10%, it is **212, 122, 193**.

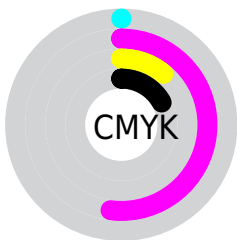
Distribution



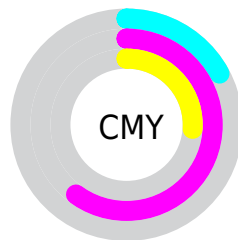
- Red (83%)
- Green (40%)
- Blue (74%)



- Red (83%)
- Yellow (40%)
- Blue (74%)



- Cyan (0%)
- Magenta (52%)
- Yellow (11%)
- Black (17%)




- Cyan (17%)
- Magenta (60%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 101, 188 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 212, 101, 188 by changing the saturation by 10% instead.

 212, 101, 188


255, 255, 255

 255, 156, 244

 255, 184, 255

 255, 213, 255

 255, 242, 255

 212, 101, 188

 183, 74, 161

 155, 46, 134

 127, 8, 109

 100, 0, 84


 73, 0, 61

 50, 0, 39

 10, 0, 16

 0, 0, 0

 212, 101, 188

 212, 101, 188

■ 212, 80, 183

■ 212, 122, 193

■ 212, 59, 179

■ 212, 143, 197

■ 212, 37, 174

■ 212, 165, 202

■ 212, 16, 170

■ 212, 186, 206

■ 212, 0, 166

■ 212, 207, 211

■ 212, 228, 216

■ 212, 249, 220

■ 212, 255, 225

■ 212, 255, 229

Harmonies

Analogous

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



154, 124, 229



212, 101, 188



236, 90, 136

Triad

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



212, 101, 188



161, 142, 18



0, 166, 201

Complementary

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



212, 101, 188



101, 212, 125

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, 167, 149



212, 101, 188



106, 156, 46

Square

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



212, 101, 188



204, 122, 42



0, 164, 94



0, 159, 237

Rectangle

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



212, 101, 188



236, 95, 101



0, 164, 94



0, 167, 185

Sweetspot

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



212, 101, 188



255, 214, 246



123, 101, 212



128, 103, 122



0, 0, 0



128, 128, 128

Same Dimension

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



212, 101, 188



255, 94, 220



212, 101, 134



107, 96, 105



171, 0, 134



43, 0, 34

Inverse Universe

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



212, 101, 188



255, 94, 220



101, 212, 179



107, 96, 105



171, 0, 134



43, 0, 34

Previews

White Background



This preview shows how the RGB color 212, 101, 188 looks on a white background.

Color Contrast Check

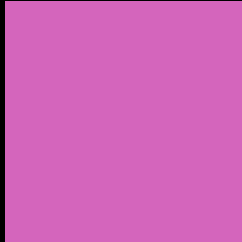
Large Text (above 18pt) WCAG AA ✓ Pass

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 212, 101, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

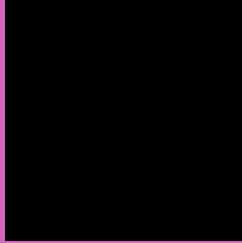
Any Text WCAG AA ✓ Pass

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 212, 101, 188 Background



This preview shows how black text looks on a background with the RGB color 212, 101, 188.

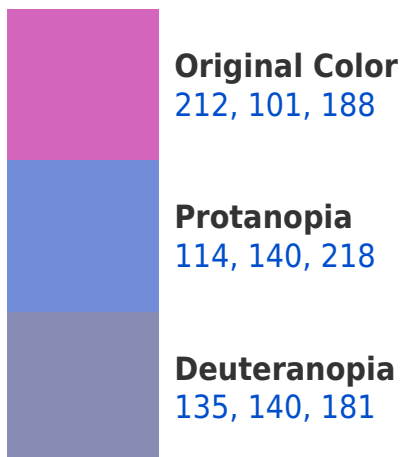



This preview shows how white text looks on a background with the RGB color 212, 101, 188.

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
205, 116, 124

Trichromacy



Original Color

212, 101, 188



Protanomaly

150, 126, 207



Deuteranomaly

163, 126, 184



Tritanomaly

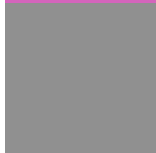
208, 111, 147

Monochromacy



Original Color

212, 101, 188



Achromatopsia

144, 144, 144



Achromatomaly

169, 128, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 101, 188 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(212, 101, 188) looks like.

```
.text, #text, p{  
    color:rgb(212, 101, 188)  
}
```

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(212, 101, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 101, 188) }
```

Border

The CSS property to change the border of an element to RGB 212, 101, 188 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(212, 101, 188) }
```

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

```
.border{ border-color:rgb(212, 101, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 101, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 101, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 101, 188);  
box-shadow:4px 4px 4px 4px rgb(212, 101,  
188) }
```

Background

The CSS property to change the background color of an element to RGB 212, 101, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 101, 188) }
```

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

```
.background{ background-color: rgb(212,  
101, 188) }
```

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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