

Converting Colors

RGB(198, 42, 237)

Have a look what the booklet for
RGB(198, 42, 237) contains.

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Color

RGB(198, 42, 237)

Conversions

Conversions Part 1

Format	Color
Hex	C62AED
RGB	198, 42, 237
RGB Percent	78%, 16%, 93%
CMY	0.2235, 0.8353, 0.0706
CMYK	0.16, 0.82, 0.00, 0.07
HSL	288°, 84%, 55%
HSV	288°, 82%, 93%
XYZ	39.4027, 19.7761, 81.8612
YIQ	110.8740, 30.3810, 93.7170

Conversions

Conversions Part 2

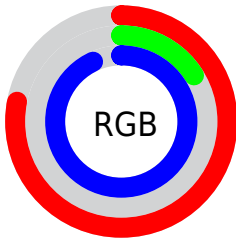
Format	Color
R _{YB}	198, 42, 237
Decimal	12987117
CIE Lab	51.58, 81.51, -65.34
CIE LCh	52, 104.467, 321.286
Yxy	19.7761, 0.2794, 0.1402
Android (android.graphics.Color)	4291177197 (0xFFC62AED)
YUV	110.8740, 62.1801, 76.4095
Hunter-Lab	44.4703, 80.3359, -78.0120

Details

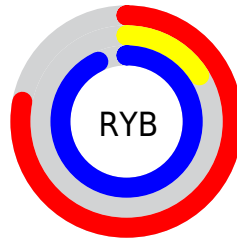
The RGB color **198, 42, 237** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **81, 237, 42**, and the grayscale version is **110, 110, 110**.

A 20% lighter version of the original color is **255, 109, 255**, and **139, 0, 180** is the 20% darker color. If you saturate the color by 10%, you get **193, 18, 237**, and if you desaturate by 10%, it is **203, 66, 237**.

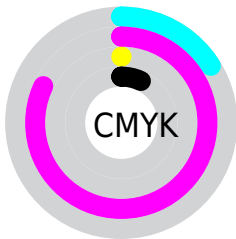
Distribution



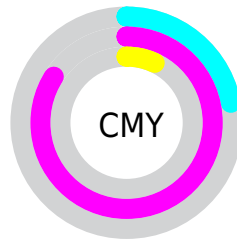
- Red (78%)
- Green (16%)
- Blue (93%)



- Red (78%)
- Yellow (16%)
- Blue (93%)



- Cyan (16%)
- Magenta (82%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (84%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 198, 42, 237 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 198, 42, 237 by changing the saturation by 10% instead.



198, 42, 237



198, 42, 237

255, 255, 255



168, 0, 208



255, 109, 255



139, 0, 180



255, 138, 255



109, 0, 152



255, 168, 255



80, 0, 126



255, 198, 255



52, 0, 100



255, 228, 255



13, 0, 75



0, 3, 51



0, 2, 29



0, 0, 0

■ 198, 42, 237

■ 198, 42, 237

■ 193, 18, 237

■ 203, 66, 237

■ 190, 0, 237

■ 207, 89, 237

■ 212, 113, 237

■ 217, 137, 237

■ 222, 160, 237

■ 226, 184, 237

■ 231, 208, 237

■ 236, 232, 237

■ 241, 255, 237

Harmonies

Analogous

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



0, 112, 255



198, 42, 237



255, 0, 153

Triad

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



198, 42, 237



172, 111, 0



0, 157, 186

Complementary

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



198, 42, 237



81, 237, 42

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, 155, 93



198, 42, 237



88, 137, 0

Square

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



198, 42, 237



233, 54, 0



0, 150, 0



0, 155, 255

Rectangle

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



198, 42, 237



255, 0, 94



0, 150, 0



0, 157, 156

Sweetspot

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



198, 42, 237



242, 191, 255



42, 81, 237



120, 89, 128



0, 0, 0



128, 128, 128

Same Dimension

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



198, 42, 237



205, 3, 255



237, 42, 179



115, 106, 117



145, 0, 181



43, 0, 54

Inverse Universe

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



237, 42, 81



255, 3, 53



42, 237, 101



117, 106, 108



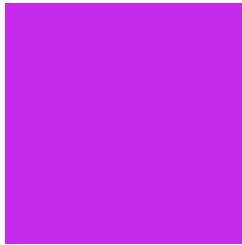
181, 0, 36



54, 0, 11

Previews

White Background



This preview shows how the RGB color 198, 42, 237 looks on a white background.

Color Contrast Check

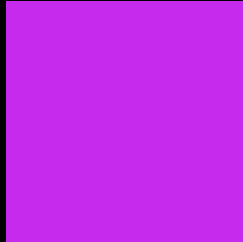
Large Text (above 18pt) WCAG AA ✓ Pass

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 198, 42, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

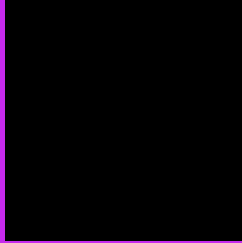
Any Text WCAG AA ✓ Pass

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 198, 42, 237 Background



This preview shows how black text looks on a background with the RGB color 198, 42, 237.

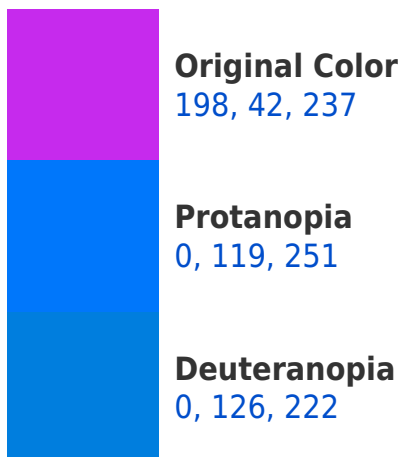


This preview shows how white text looks on a background with the RGB color 198, 42, 237.

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
180, 99, 106

Trichromacy



Original Color

198, 42, 237



Protanomaly

72, 91, 246



Deuteranomaly

72, 95, 227



Tritanomaly

187, 78, 154

Monochromacy



Original Color

198, 42, 237



Achromatopsia

111, 111, 111



Achromatomaly

143, 86, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 42, 237 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(198, 42, 237)` looks like.

```
.text, #text, p{  
    color:rgb(198, 42, 237)  
}
```

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(198, 42, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 42, 237) }
```

Border

The CSS property to change the border of an element to RGB 198, 42, 237 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(198, 42, 237) }
```

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

```
.border{ border-color:rgb(198, 42, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 42, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 42, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 42, 237); box-shadow:4px 4px 4px 4px rgb(198, 42, 237) }
```

Background

The CSS property to change the background color of an element to RGB 198, 42, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 42, 237) }
```

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

```
.background{ background-color: rgb(198, 42,  
237) }
```

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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