

Converting Colors

RGB(172, 88, 212)

Have a look what the booklet for
RGB(172, 88, 212) contains.

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Color

RGB(172, 88, 212)

Conversions

Conversions Part 1

Format	Color
Hex	AC58D4
RGB	172, 88, 212
RGB Percent	67%, 35%, 83%
CMY	0.3255, 0.6549, 0.1686
CMYK	0.19, 0.58, 0.00, 0.17
HSL	281°, 59%, 59%
HSV	281°, 58%, 83%
XYZ	32.3866, 20.5036, 64.5380
YIQ	127.2520, 10.2600, 56.3720

Conversions

Conversions Part 2

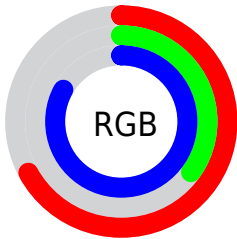
Format	Color
RYB	172, 88, 212
Decimal	11294932
CIELab	52.40, 54.40, -50.07
CIELCh	52, 73.930, 317.372
Yxy	20.5036, 0.2758, 0.1746
Android (android.graphics.Color)	4289485012 (0xFFAC58D4)
YUV	127.2520, 41.7808, 39.2440
Hunter-Lab	45.2809, 48.4287, -52.8083

Details

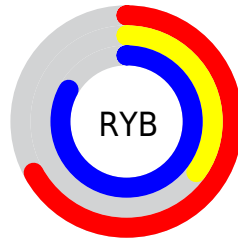
The RGB color **172, 88, 212** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **128, 212, 88**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **230, 142, 255**, and **116, 34, 157** is the 20% darker color. If you saturate the color by 10%, you get **165, 67, 212**, and if you desaturate by 10%, it is **179, 109, 212**.

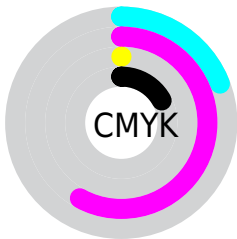
Distribution



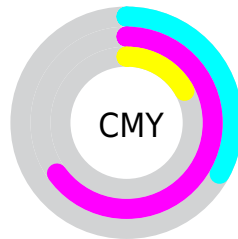
- Red (67%)
- Green (35%)
- Blue (83%)



- Red (67%)
- Yellow (35%)
- Blue (83%)



- Cyan (19%)
- Magenta (58%)
- Yellow (0%)
- Black (17%)



















- Cyan (33%)
- Magenta (65%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 88, 212 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 172, 88, 212 by changing the saturation by 10% instead.

 172, 88, 212	 172, 88, 212
 255, 255, 255	 144, 61, 184
 230, 142, 255	 116, 34, 157
 255, 169, 255	 89, 0, 130
 255, 197, 255	 62, 0, 104
 255, 226, 255	 36, 0, 79
	 0, 0, 56
	 0, 2, 33
	 0, 0, 6
	 0, 0, 0


 172, 88, 212


 172, 88, 212

 165, 67, 212

 179, 109, 212

 158, 46, 212

 186, 130, 212

 151, 24, 212

 193, 152, 212

 145, 3, 212

 199, 173, 212

 144, 0, 212

 206, 194, 212

 213, 215, 212

 220, 236, 212

 227, 255, 212

 234, 255, 212

Harmonies

Analogous

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



32, 120, 248



172, 88, 212



223, 52, 155

Triad

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



172, 88, 212



173, 112, 0



0, 153, 161

Complementary

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



172, 88, 212



128, 212, 88

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, 151, 95



172, 88, 212



117, 133, 0

Square

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



172, 88, 212



215, 82, 29



18, 145, 24



0, 150, 218

Rectangle

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



172, 88, 212



235, 43, 112



18, 145, 24



0, 152, 140

Sweetspot

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



172, 88, 212



240, 209, 255



88, 129, 212



118, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



172, 88, 212



197, 77, 255



212, 88, 191



104, 96, 107



116, 0, 171



29, 0, 43

Inverse Universe

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



212, 88, 128



255, 77, 134



88, 212, 109



107, 96, 100



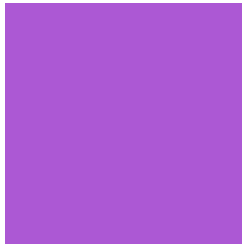
171, 0, 55



43, 0, 14

Previews

White Background



This preview shows how the RGB color 172, 88, 212 looks on a white background.

Color Contrast Check

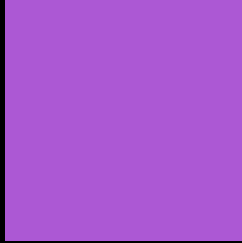
Large Text (above 18pt) WCAG AA ✓ Pass

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 172, 88, 212 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 172, 88, 212 Background



This preview shows how black text looks on a background with the RGB color 172, 88, 212.

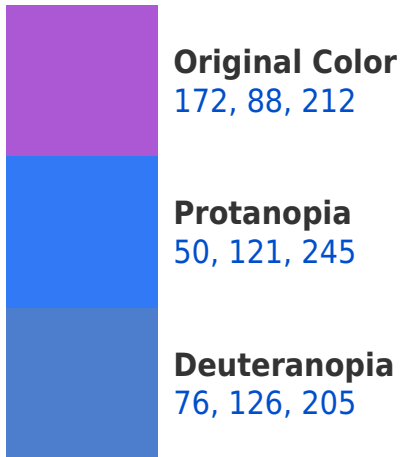


This preview shows how white text looks on a background with the RGB color 172, 88, 212.

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
158, 113, 121

Trichromacy



Original Color

172, 88, 212



Protanomaly

94, 109, 233



Deuteranomaly

111, 112, 208



Tritanomaly

163, 104, 154

Monochromacy



Original Color

172, 88, 212



Achromatopsia

127, 127, 127



Achromatomaly

143, 113, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 88, 212 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(172, 88, 212)` looks like.

```
.text, #text, p{  
    color:rgb(172, 88, 212)  
}
```

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(172, 88, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 88, 212) }
```

Border

The CSS property to change the border of an element to RGB 172, 88, 212 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(172, 88, 212) }
```

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

```
.border{ border-color:rgb(172, 88, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 88, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 88, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 88, 212);  
box-shadow:4px 4px 4px 4px rgb(172, 88,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 172, 88, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 88, 212) }
```

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

```
.background{ background-color: rgb(172, 88,  
212) }
```

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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