

Converting Colors

RGB(212, 90, 225)

Have a look what the booklet for
RGB(212, 90, 225) contains.

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Color

RGB(212, 90, 225)

Conversions

Conversions Part 1

Format	Color
Hex	D45AE1
RGB	212, 90, 225
RGB Percent	83%, 35%, 88%
CMY	0.1686, 0.6471, 0.1176
CMYK	0.06, 0.60, 0.00, 0.12
HSL	294°, 69%, 62%
HSV	294°, 60%, 88%
XYZ	44.3981, 26.7456, 74.0565
YIQ	141.8680, 29.3770, 67.8490

Conversions

Conversions Part 2

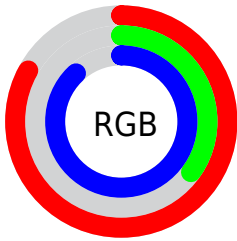
Format	Color
R _Y B	212, 90, 225
Decimal	13916897
CIE Lab	58.74, 65.81, -47.03
CIE LCh	59, 80.882, 324.449
Yxy	26.7456, 0.3058, 0.1842
Android (android.graphics.Color)	4292106977 (0xFFD45AE1)
YUV	141.8680, 40.9841, 61.5058
Hunter-Lab	51.7162, 62.7383, -48.7008

Details

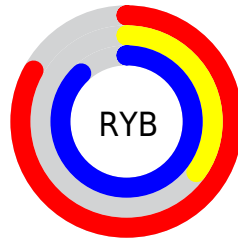
The RGB color **212, 90, 225** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **103, 225, 90**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **255, 146, 255**, and **154, 27, 169** is the 20% darker color. If you saturate the color by 10%, you get **210, 68, 225**, and if you desaturate by 10%, it is **214, 113, 225**.

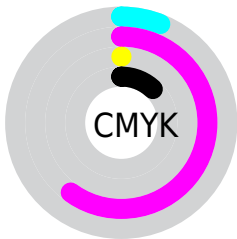
Distribution



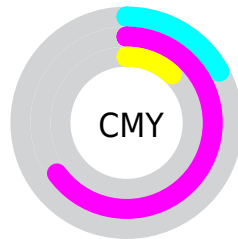
- Red (83%)
- Green (35%)
- Blue (88%)



- Red (83%)
- Yellow (35%)
- Blue (88%)



- Cyan (6%)
- Magenta (60%)
- Yellow (0%)
- Black (12%)



















- Cyan (17%)
- Magenta (65%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the RGB color 212, 90, 225 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, 90, 225 by changing the saturation by 10% instead.

 212, 90, 225	 212, 90, 225
 255, 255, 255	 183, 61, 197
 255, 146, 255	 154, 27, 169
 255, 175, 255	 126, 0, 142
 255, 204, 255	 98, 0, 116
 255, 233, 255	 71, 0, 91
	 46, 0, 67
	 7, 0, 43
	 0, 1, 21
	 0, 0, 0


 212, 90, 225


 212, 90, 225

 210, 68, 225


 214, 113, 225


 208, 45, 225

 216, 135, 225

 205, 23, 225

 219, 158, 225

 203, 0, 225

 221, 180, 225

 203, 0, 225

 223, 203, 225

 225, 225, 225

 227, 248, 225

 229, 255, 225

 232, 255, 225

Harmonies

Analogous

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



102, 128, 255



212, 90, 225



255, 53, 158

Triad

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



212, 90, 225



182, 134, 0



0, 172, 198

Complementary

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



212, 90, 225



103, 225, 90

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, 171, 125



212, 90, 225



115, 154, 0

Square

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



212, 90, 225



233, 102, 9



0, 166, 50



0, 168, 255

Rectangle

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



212, 90, 225



255, 53, 110



0, 166, 50



0, 172, 175

Sweetspot

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



212, 90, 225



251, 209, 255



90, 103, 225



125, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



212, 90, 225



237, 71, 255



225, 90, 171



111, 101, 112



159, 0, 176



44, 0, 48

Inverse Universe

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



225, 90, 103



255, 71, 89



90, 225, 144



112, 101, 102



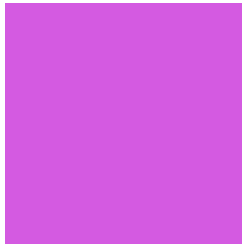
176, 0, 17



48, 0, 5

Previews

White Background



This preview shows how the RGB color 212, 90, 225 looks on a white background.

Color Contrast Check

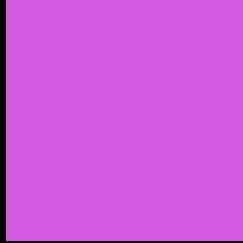
Large Text (above 18pt) WCAG AA ✓ Pass

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, 90, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

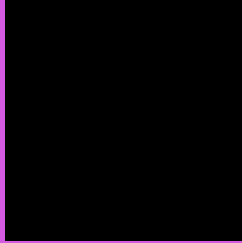
Any Text WCAG AA ✓ Pass

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, 90, 225 Background



This preview shows how black text looks on a background with the RGB color 212, 90, 225.

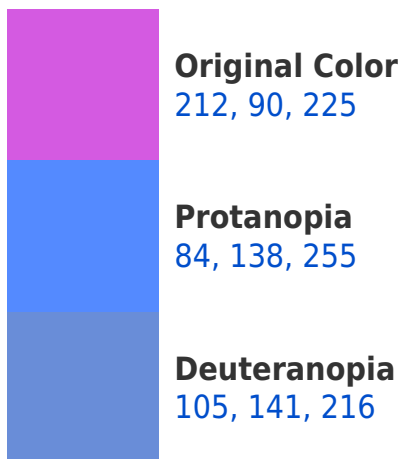



This preview shows how white text looks on a background with the RGB color 212, 90, 225.

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
199, 118, 126

Trichromacy



Original Color

212, 90, 225



Protanomaly

131, 121, 244



Deuteranomaly

144, 122, 219



Tritanomaly

204, 108, 162

Monochromacy



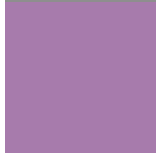
Original Color

212, 90, 225



Achromatopsia

142, 142, 142



Achromatomaly

167, 123, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 90, 225 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, 90, 225)` looks like.

```
.text, #text, p{  
    color:rgb(212, 90, 225)  
}
```

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, 90, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 90, 225) }
```

Border

The CSS property to change the border of an element to RGB 212, 90, 225 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, 90, 225) }
```

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

```
.border{ border-color:rgb(212, 90, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 90, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 90, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 90, 225);  
box-shadow:4px 4px 4px 4px rgb(212, 90,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 212, 90, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 90, 225) }
```

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

```
.background{ background-color: rgb(212, 90,  
225) }
```

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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