

Converting Colors

RGB(175, 37, 218)

Have a look what the booklet for
RGB(175, 37, 218) contains.

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Color

RGB(175, 37, 218)

Conversions

Conversions Part 1

Format	Color
Hex	AF25DA
RGB	175, 37, 218
RGB Percent	69%, 15%, 85%
CMY	0.3137, 0.8549, 0.1451
CMYK	0.20, 0.83, 0.00, 0.15
HSL	286°, 71%, 50%
HSV	286°, 83%, 85%
XYZ	30.9957, 15.4991, 67.6876
YIQ	98.8960, 24.1470, 85.5470

Conversions

Conversions Part 2

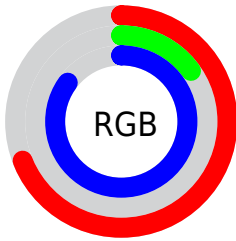
Format	Color
R_{YB}	175, 37, 218
Decimal	11478490
CIE Lab	46.31, 75.58, -63.26
CIE LCh	46, 98.560, 320.070
Yxy	15.4991, 0.2715, 0.1357
Android (android.graphics.Color)	4289668570 (0xFFAF25DA)
YUV	98.8960, 58.7183, 66.7432
Hunter-Lab	39.3688, 71.6402, -74.3803

Details

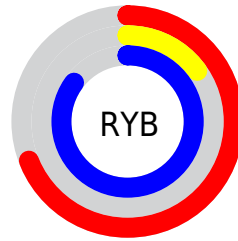
The RGB color **175, 37, 218** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **80, 218, 37**, and the grayscale version is **98, 98, 98**.

A 20% lighter version of the original color is **235, 102, 255**, and **117, 0, 162** is the 20% darker color. If you saturate the color by 10%, you get **170, 15, 218**, and if you desaturate by 10%, it is **180, 59, 218**.

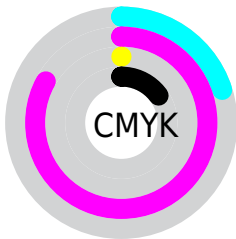
Distribution



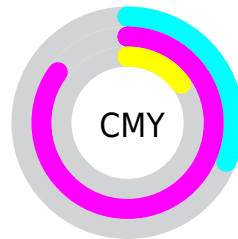
- Red (69%)
- Green (15%)
- Blue (85%)



- Red (69%)
- Yellow (15%)
- Blue (85%)



- Cyan (20%)
- Magenta (83%)
- Yellow (0%)
- Black (15%)





















- Cyan (31%)
- Magenta (85%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 37, 218 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 175, 37, 218 by changing the saturation by 10% instead.

 175, 37, 218	 175, 37, 218
 255, 255, 255	 146, 0, 190
 235, 102, 255	 117, 0, 162
 255, 131, 255	 88, 0, 135
 255, 160, 255	 58, 0, 109
 255, 189, 255	 28, 0, 84
 255, 218, 255	 0, 0, 59
 255, 248, 255	 0, 2, 36
	 0, 0, 12
	 0, 0, 0

■ 175, 37, 218

■ 175, 37, 218

■ 170, 15, 218

■ 180, 59, 218

■ 166, 0, 218

■ 185, 81, 218

■ 191, 102, 218

■ 196, 124, 218

■ 201, 146, 218

■ 206, 168, 218

■ 211, 190, 218

■ 216, 211, 218

■ 222, 233, 218

Harmonies

Analogous

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



0, 102, 255



175, 37, 218



236, 0, 141

Triad

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



175, 37, 218



157, 97, 0



0, 141, 165

Complementary

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



175, 37, 218



80, 218, 37

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, 139, 78



175, 37, 218



80, 122, 0

Square

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



175, 37, 218



212, 40, 0



0, 134, 0



0, 140, 238

Rectangle

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



175, 37, 218



245, 0, 87



0, 134, 0



0, 141, 137

Sweetspot

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



175, 37, 218



240, 191, 255



37, 82, 218



118, 89, 128



0, 0, 0



128, 128, 128

Same Dimension

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



175, 37, 218



194, 0, 255



218, 37, 173



107, 99, 110



132, 0, 173



35, 0, 46

Inverse Universe

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



218, 37, 80



255, 0, 61



37, 218, 82



110, 99, 101



173, 0, 41



46, 0, 11

Previews

White Background



This preview shows how the RGB color 175, 37, 218 looks on a white background.

Color Contrast Check

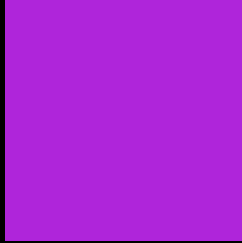
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 175, 37, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

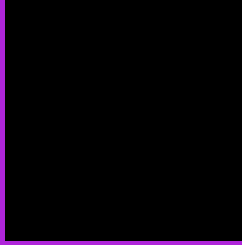
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 175, 37, 218 Background



This preview shows how black text looks on a background with the RGB color 175, 37, 218.

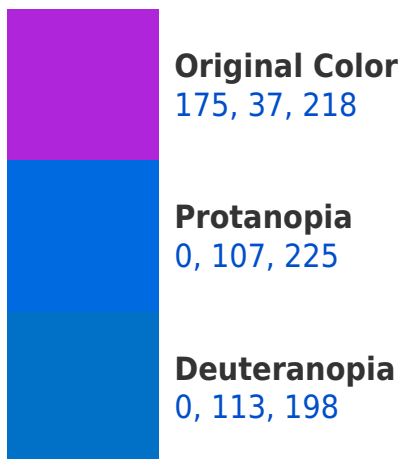


This preview shows how white text looks on a background with the RGB color 175, 37, 218.

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, 90, 97

Trichromacy



Original Color

175, 37, 218



Protanomaly

64, 82, 222



Deuteranomaly

64, 85, 205



Tritanomaly

164, 71, 141

Monochromacy



Original Color

175, 37, 218



Achromatopsia

99, 99, 99



Achromatomaly

127, 76, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 37, 218 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(175, 37, 218)` looks like.

```
.text, #text, p{  
    color:rgb(175, 37, 218)  
}
```

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(175, 37, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 37, 218) }
```

Border

The CSS property to change the border of an element to RGB 175, 37, 218 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(175, 37, 218) }
```

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

```
.border{ border-color:rgb(175, 37, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 37, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 37, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 37, 218);  
box-shadow:4px 4px 4px 4px rgb(175, 37,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 175, 37, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 37, 218) }
```

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

```
.background{ background-color: rgb(175, 37,  
218) }
```

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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