

Converting Colors

RGB(175, 91, 215)

Have a look what the booklet for
RGB(175, 91, 215) contains.

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Color

RGB(175, 91, 215)

Conversions

Conversions Part 1

Format	Color
Hex	AF5BD7
RGB	175, 91, 215
RGB Percent	69%, 36%, 84%
CMY	0.3137, 0.6431, 0.1569
CMYK	0.19, 0.58, 0.00, 0.16
HSL	281°, 61%, 60%
HSV	281°, 58%, 84%
XYZ	33.6860, 21.5024, 66.6649
YIQ	130.2520, 10.2600, 56.3720

Conversions

Conversions Part 2

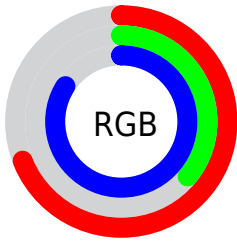
Format	Color
R_{YB}	175, 91, 215
Decimal	11492311
CIE _{Lab}	53.50, 54.29, -50.01
CIE _{LCh}	53, 73.814, 317.352
Yxy	21.5024, 0.2764, 0.1765
Android (android.graphics.Color)	4289682391 (0xFFAF5BD7)
YUV	130.2520, 41.7808, 39.2440
Hunter-Lab	46.3707, 48.5227, -52.7789

Details

The RGB color **175, 91, 215** 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 **131, 215, 91**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **233, 145, 255**, and **119, 37, 159** is the 20% darker color. If you saturate the color by 10%, you get **168, 70, 215**, and if you desaturate by 10%, it is **182, 113, 215**.

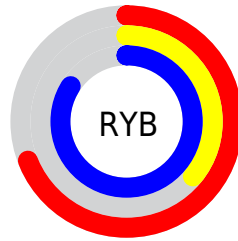
Distribution



Red (69%)

Green (36%)

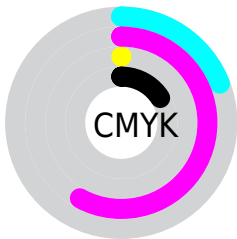
Blue (84%)



Red (69%)

Yellow (36%)

Blue (84%)

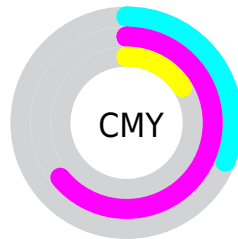


Cyan (19%)

Magenta (58%)

Yellow (0%)

Black (16%)



Cyan (31%)

Magenta (64%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 91, 215 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, 91, 215 by changing the saturation by 10% instead.

 175, 91, 215

 175, 91, 215

255, 255, 255

 147, 65, 187

 233, 145, 255

 119, 37, 159

 255, 172, 255

 92, 0, 133

 255, 200, 255

 65, 0, 107

 255, 229, 255

 38, 0, 82

 3, 0, 58

 0, 2, 35

 0, 0, 10

 0, 0, 0

■ 175, 91, 215

■ 175, 91, 215

■ 168, 70, 215

■ 182, 113, 215

■ 161, 48, 215

■ 189, 134, 215

■ 154, 27, 215

■ 196, 156, 215

■ 147, 5, 215

■ 203, 177, 215

■ 146, 0, 215

■ 210, 199, 215

■ 217, 220, 215

■ 224, 242, 215

■ 230, 255, 215

■ 237, 255, 215

Harmonies

Analogous

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



40, 123, 251



175, 91, 215



226, 56, 158

Triad

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



175, 91, 215



177, 115, 0



0, 156, 164

Complementary

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



175, 91, 215



131, 215, 91

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, 154, 98



175, 91, 215



120, 136, 0

Square

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



175, 91, 215



218, 85, 32



25, 148, 28



0, 153, 221

Rectangle

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



175, 91, 215



238, 48, 115



25, 148, 28



0, 156, 142

Sweetspot

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



175, 91, 215



241, 212, 255



91, 132, 215



119, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



175, 91, 215



198, 79, 255



215, 91, 194



104, 96, 107



116, 0, 171



29, 0, 43

Inverse Universe

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



215, 91, 131



255, 79, 136



91, 215, 112



107, 96, 100



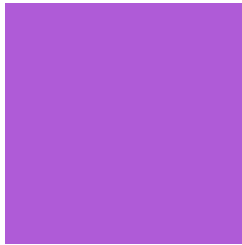
171, 0, 55



43, 0, 14

Previews

White Background



This preview shows how the RGB color 175, 91, 215 looks on a white background.

Color Contrast Check

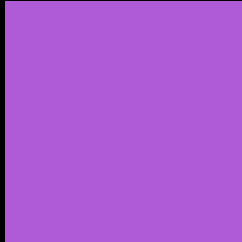
Large Text (above 18pt) WCAG AA ✓ Pass

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 175, 91, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

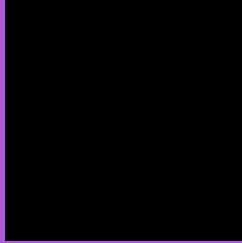
Any Text WCAG AA ✓ Pass

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 175, 91, 215 Background



This preview shows how black text looks on a background with the RGB color 175, 91, 215.

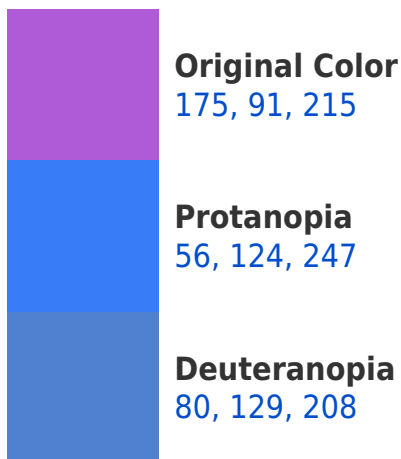



This preview shows how white text looks on a background with the RGB color 175, 91, 215.

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
161, 115, 124

Trichromacy



Original Color

175, 91, 215



Protanomaly

99, 112, 235



Deuteranomaly

115, 115, 211



Tritanomaly

166, 106, 157

Monochromacy



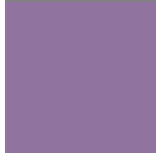
Original Color

175, 91, 215



Achromatopsia

130, 130, 130



Achromatomaly

146, 116, 161

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 91, 215 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, 91, 215)` looks like.

```
.text, #text, p{  
    color:rgb(175, 91, 215)  
}
```

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, 91, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 91, 215) }
```

Border

The CSS property to change the border of an element to RGB 175, 91, 215 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, 91, 215) }
```

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

```
.border{ border-color:rgb(175, 91, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 91, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 91, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 91, 215);  
box-shadow:4px 4px 4px 4px rgb(175, 91,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 175, 91, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 91, 215) }
```

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

```
.background{ background-color: rgb(175, 91,  
215) }
```

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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