

Converting Colors

RGB(175, 60, 145)

Have a look what the booklet for
RGB(175, 60, 145) contains.

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Color

RGB(175, 60, 145)

Conversions

Conversions Part 1

Format	Color
Hex	AF3C91
RGB	175, 60, 145
RGB Percent	69%, 24%, 57%
CMY	0.3137, 0.7647, 0.4314
CMYK	0.00, 0.66, 0.17, 0.31
HSL	316°, 49%, 46%
HSV	316°, 66%, 69%
XYZ	24.4059, 14.3900, 28.2793
YIQ	104.0750, 41.2550, 50.8150

Conversions

Conversions Part 2

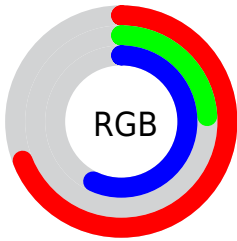
Format	Color
RYB	175, 60, 145
Decimal	11484305
CIELab	44.79, 55.79, -22.80
CIELCh	45, 60.267, 337.771
Yxy	14.3900, 0.3639, 0.2145
Android (android.graphics.Color)	4289674385 (0xFFAF3C91)
YUV	104.0750, 20.1760, 62.2012
Hunter-Lab	37.9342, 48.4576, -17.6458

Details

The RGB color **175, 60, 145** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **60, 175, 90**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **233, 115, 199**, and **119, 0, 94** is the 20% darker color. If you saturate the color by 10%, you get **175, 43, 140**, and if you desaturate by 10%, it is **175, 78, 150**.

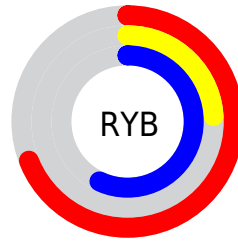
Distribution



Red (69%)

Green (24%)

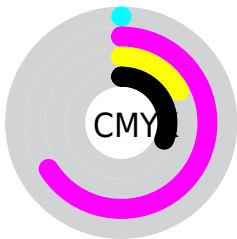
Blue (57%)



Red (69%)

Yellow (24%)

Blue (57%)

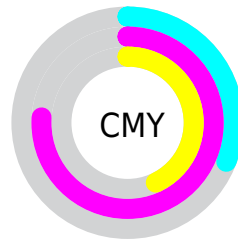


Cyan (0%)

Magenta (66%)

Yellow (17%)

Black (31%)



Cyan (31%)

Magenta (76%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 60, 145 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, 60, 145 by changing the saturation by 10% instead.



175, 60, 145



175, 60, 145

255, 255, 255



147, 29, 119



233, 115, 199



119, 0, 94



255, 143, 227



92, 0, 70



255, 171, 255



66, 0, 48



255, 199, 255



40, 0, 27



255, 228, 255



0, 0, 0



175, 60, 145



175, 60, 145



175, 43, 140



175, 78, 150



175, 25, 136



175, 95, 154

■ 175, 8, 131

■ 175, 113, 159

■ 175, 0, 129

■ 175, 130, 163

■ 175, 148, 168

■ 175, 165, 172

■ 175, 183, 177

■ 175, 200, 182

■ 175, 218, 186

Harmonies

Analogous

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



123, 86, 186



175, 60, 145



194, 48, 95

Triad

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



175, 60, 145



116, 108, 0



0, 127, 167

Complementary

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



175, 60, 145



60, 175, 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, 128, 118



175, 60, 145



61, 120, 8

Square

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



175, 60, 145



158, 89, 0



0, 126, 66



0, 121, 199

Rectangle

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



175, 60, 145



191, 57, 62



0, 126, 66



0, 128, 152

Sweetspot

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



175, 60, 145



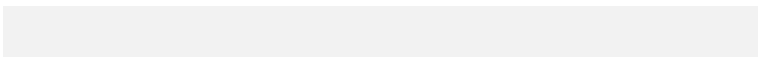
227, 182, 215



89, 60, 175



115, 87, 108



242, 242, 242



115, 115, 115

Same Dimension

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



175, 60, 145



227, 48, 180



175, 60, 89



87, 78, 84



150, 0, 111



23, 0, 17

Inverse Universe

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



175, 60, 145



227, 48, 180



60, 175, 146



87, 78, 84



150, 0, 111



23, 0, 17

Previews

White Background



This preview shows how the RGB color 175, 60, 145 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, 60, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

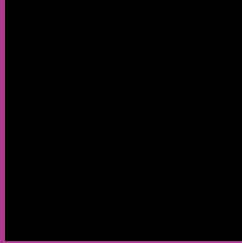
Any Text WCAG AA × Fail

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, 60, 145 Background



This preview shows how black text looks on a background with the RGB color 175, 60, 145.

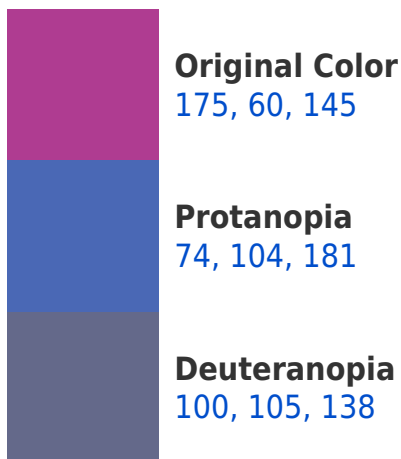


This preview shows how white text looks on a background with the RGB color 175, 60, 145.

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
169, 77, 82

Trichromacy



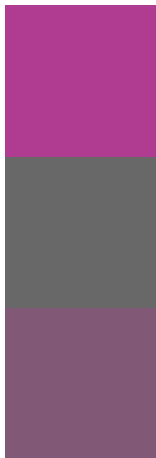
Original Color
175, 60, 145

Protanomaly
111, 88, 168

Deuteranomaly
127, 89, 141

Tritanomaly
171, 71, 105

Monochromacy



Original Color
175, 60, 145

Achromatopsia
104, 104, 104

Achromatomaly
130, 88, 119

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 60, 145 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, 60, 145)` looks like.

```
.text, #text, p{  
    color:rgb(175, 60, 145)  
}
```

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, 60, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 60, 145) }
```

Border

The CSS property to change the border of an element to RGB 175, 60, 145 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, 60, 145) }
```

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

```
.border{ border-color:rgb(175, 60, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 60, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 60, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 60, 145);  
box-shadow:4px 4px 4px 4px rgb(175, 60,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 175, 60, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 60, 145) }
```

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

```
.background{ background-color: rgb(175, 60,  
145) }
```

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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