

Converting Colors

RGB(189, 57, 126)

Have a look what the booklet for
RGB(189, 57, 126) contains.

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Color

RGB(189, 57, 126)

Conversions

Conversions Part 1	
Format	Color
Hex	BD397E
RGB	189, 57, 126
RGB Percent	74%, 22%, 49%
CMY	0.2588, 0.7765, 0.5059
CMYK	0.00, 0.70, 0.33, 0.26
HSL	329°, 54%, 48%
HSV	329°, 70%, 74%
XYZ	26.2153, 15.2514, 21.3008
YIQ	104.3340, 56.5230, 49.4430

Conversions

Conversions Part 2

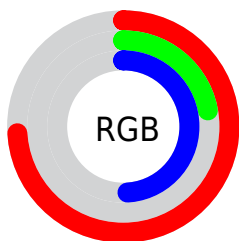
Format	Color
RYB	189, 57, 126
Decimal	12401022
CIELab	45.98, 58.33, -9.25
CIELCh	46, 59.056, 350.992
Yxy	15.2514, 0.4177, 0.2430
Android (android.graphics.Color)	4290591102 (0xFFBD397E)
YUV	104.3340, 10.6813, 74.2521
Hunter-Lab	39.0531, 51.4794, -5.0015

Details

The RGB color **189, 57, 126** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **57, 189, 120**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **249, 114, 179**, and **131, 0, 77** is the 20% darker color. If you saturate the color by 10%, you get **189, 38, 117**, and if you desaturate by 10%, it is **189, 76, 135**.

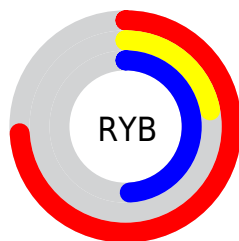
Distribution



Red (74%)

Green (22%)

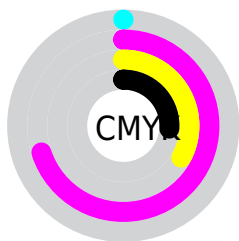
Blue (49%)



Red (74%)

Yellow (22%)

Blue (49%)

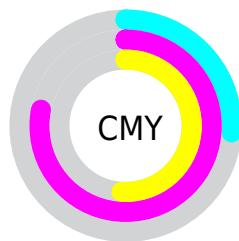


Cyan (0%)

Magenta (70%)

Yellow (33%)

Black (26%)



Cyan (26%)

Magenta (78%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 57, 126 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 189, 57, 126 by changing the saturation by 10% instead.



189, 57, 126



189, 57, 126

255, 255, 255



160, 23, 101



249, 114, 179



131, 0, 77



255, 142, 206



103, 0, 54



255, 170, 234



75, 0, 33



255, 198, 255



50, 0, 7



255, 228, 255



0, 0, 0



189, 57, 126



189, 57, 126



189, 38, 117



189, 76, 135



189, 19, 108




189, 95, 144

 189, 0, 99

 189, 114, 153

 189, 0, 99

 189, 133, 162

 189, 152, 171

 189, 170, 180

 189, 189, 189

 189, 208, 198

 189, 227, 207

Harmonies

Analogous

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



153, 78, 172



189, 57, 126



195, 59, 77

Triad

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



189, 57, 126



98, 117, 0



0, 128, 185

Complementary

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



189, 57, 126



57, 189, 120

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, 131, 143



189, 57, 126



25, 126, 41

Square

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



189, 57, 126



144, 101, 0



0, 130, 92



0, 119, 207

Rectangle

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



189, 57, 126



186, 72, 46



0, 130, 92



0, 130, 173

Sweetspot

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



189, 57, 126



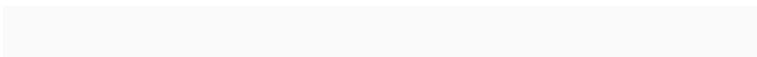
245, 193, 220



119, 57, 189



122, 92, 108



250, 250, 250



122, 122, 122

Same Dimension

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



189, 57, 126



245, 39, 147



189, 57, 61



94, 85, 90



158, 0, 83



31, 0, 16

Inverse Universe

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



189, 57, 126



245, 39, 147



57, 189, 185



94, 85, 90



158, 0, 83



31, 0, 16

Previews

White Background



This preview shows how the RGB color 189, 57, 126 looks on a white background.

Color Contrast Check

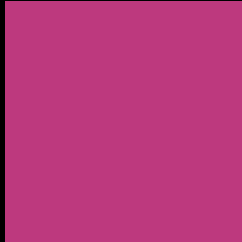
Large Text (above 18pt) WCAG AA ✓ Pass

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 189, 57, 126 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 189, 57, 126 Background



This preview shows how black text looks on a background with the RGB color 189, 57, 126.



This preview shows how white text looks on a background with the RGB color 189, 57, 126.

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



Original Color

189, 57, 126

Protanopia

92, 108, 161

Deuteranopia

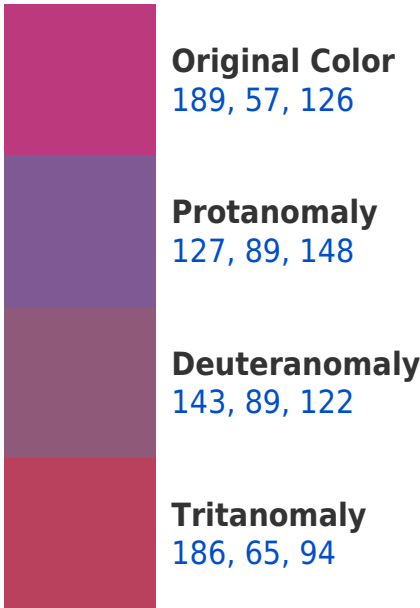
116, 107, 119



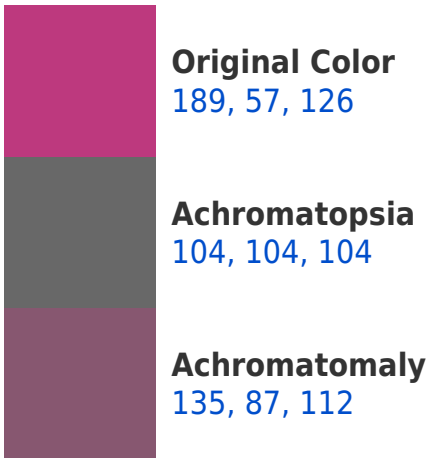
Tritanopia

185, 70, 75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 57, 126 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(189, 57, 126) looks like.

```
.text, #text, p{  
    color:rgb(189, 57, 126)  
}
```

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(189, 57, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 57, 126) }
```

Border

The CSS property to change the border of an element to RGB 189, 57, 126 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(189, 57, 126) }
```

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

```
.border{ border-color:rgb(189, 57, 126) }
```

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

Here you see how a box with a 4 pixel rgb(189, 57, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 57, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 57, 126);  
box-shadow:4px 4px 4px 4px rgb(189, 57,  
126) }
```

Background

The CSS property to change the background color of an element to RGB 189, 57, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 57, 126) }
```

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

```
.background{ background-color: rgb(189, 57,  
126) }
```

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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