

Converting Colors

RGB(189, 25, 112)

Have a look what the booklet for
RGB(189, 25, 112) contains.

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Color

RGB(189, 25, 112)

Conversions

Conversions Part 1	
Format	Color
Hex	BD1970
RGB	189, 25, 112
RGB Percent	74%, 10%, 44%
CMY	0.2588, 0.9020, 0.5608
CMYK	0.00, 0.87, 0.41, 0.26
HSL	328°, 77%, 42%
HSV	328°, 87%, 74%
XYZ	24.2585, 12.6839, 16.4989
YIQ	83.9540, 69.8170, 61.8250

Conversions

Conversions Part 2

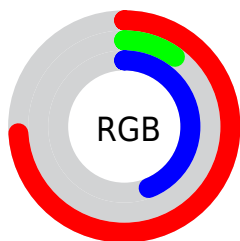
Format	Color
RYB	189, 25, 112
Decimal	12392816
CIELab	42.28, 65.94, -6.14
CIELCh	42, 66.225, 354.682
Yxy	12.6839, 0.4539, 0.2373
Android (android.graphics.Color)	4290582896 (0xFFBD1970)
YUV	83.9540, 13.8267, 92.1253
Hunter-Lab	35.6145, 59.2584, -2.5368

Details

The RGB color **189, 25, 112** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **25, 189, 102**, and the grayscale version is **84, 84, 84**.

A 20% lighter version of the original color is **250, 93, 164**, and **130, 0, 64** is the 20% darker color. If you saturate the color by 10%, you get **189, 6, 103**, and if you desaturate by 10%, it is **189, 44, 121**.

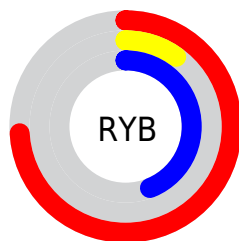
Distribution



Red (74%)

Green (10%)

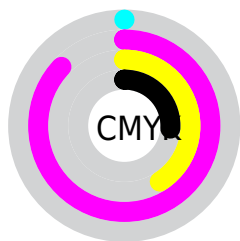
Blue (44%)



Red (74%)

Yellow (10%)

Blue (44%)

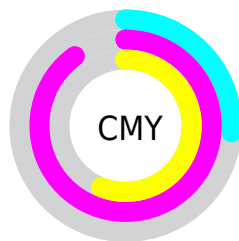


Cyan (0%)

Magenta (87%)

Yellow (41%)

Black (26%)



Cyan (26%)

Magenta (90%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 25, 112 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, 25, 112 by changing the saturation by 10% instead.



189, 25, 112



189, 25, 112

255, 255, 255



159, 0, 88



250, 93, 164



130, 0, 64



255, 122, 191



101, 0, 43



255, 150, 218



73, 0, 22



255, 179, 247



45, 0, 1



255, 209, 255



0, 0, 0



255, 238, 255



189, 25, 112



189, 25, 112




189, 6, 103



189, 44, 121

 189, 0, 100

 189, 63, 130

 189, 82, 139

 189, 101, 147

 189, 120, 156

 189, 138, 165

 189, 157, 174

 189, 176, 183

 189, 195, 192

Harmonies

Analogous

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



154, 59, 164



189, 25, 112



191, 36, 58

Triad

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



189, 25, 112



78, 110, 0



0, 120, 189

Complementary

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



189, 25, 112



25, 189, 102

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, 123, 144



189, 25, 112



0, 118, 29

Square

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



189, 25, 112



130, 94, 0



0, 122, 88



0, 110, 210

Rectangle

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



189, 25, 112



179, 59, 22



0, 122, 88



0, 122, 176

Sweetspot

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



189, 25, 112



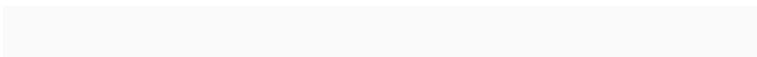
245, 181, 215



102, 25, 189



122, 84, 105



250, 250, 250



122, 122, 122

Same Dimension

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



189, 25, 112



245, 0, 130



189, 25, 30



94, 85, 90



158, 0, 84



31, 0, 16

Inverse Universe

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



189, 25, 112



245, 0, 130



25, 189, 184



94, 85, 90



158, 0, 84



31, 0, 16

Previews

White Background



This preview shows how the RGB color 189, 25, 112 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, 25, 112 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, 25, 112 Background



This preview shows how black text looks on a background with the RGB color 189, 25, 112.



This preview shows how white text looks on a background with the RGB color 189, 25, 112.

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, 25, 112

Protanopia

80, 99, 157

Deuteranopia

110, 98, 104



Tritanopia

185, 49, 51

Trichromacy



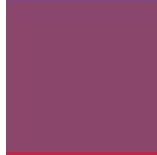
Original Color

189, 25, 112



Protanomaly

120, 72, 141



Deuteranomaly

139, 71, 107



Tritanomaly

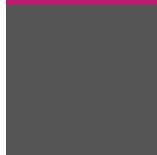
186, 40, 73

Monochromacy



Original Color

189, 25, 112



Achromatopsia

84, 84, 84



Achromatomaly

122, 63, 94

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 25, 112 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, 25, 112)` looks like.

```
.text, #text, p{  
    color:rgb(189, 25, 112)  
}
```

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, 25, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 25, 112) }
```

Border

The CSS property to change the border of an element to RGB 189, 25, 112 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, 25, 112) }
```

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

```
.border{ border-color:rgb(189, 25, 112) }
```

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

Here you see how a box with a 4 pixel rgb(189, 25, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 25, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 25, 112);  
box-shadow:4px 4px 4px 4px rgb(189, 25,  
112) }
```

Background

The CSS property to change the background color of an element to RGB 189, 25, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 25, 112) }
```

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

```
.background{ background-color: rgb(189, 25,  
112) }
```

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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