

Converting Colors

RGB(89, 80, 172)

Have a look what the booklet for
RGB(89, 80, 172) contains.

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Color

RGB(89, 80, 172)

Conversions

Conversions Part 1

Format	Color
Hex	5950AC
RGB	89, 80, 172
RGB Percent	35%, 31%, 67%
CMY	0.6510, 0.6863, 0.3255
CMYK	0.48, 0.53, 0.00, 0.33
HSL	246°, 37%, 49%
HSV	246°, 53%, 67%
XYZ	14.4349, 10.8397, 40.3612
YIQ	93.1790, -24.1680, 30.5200

Conversions

Conversions Part 2

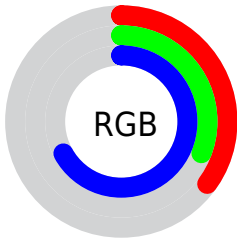
Format	Color
R _Y B	89, 80, 172
Decimal	5853356
CIE Lab	39.31, 28.36, -48.31
CIE LCh	39, 56.020, 300.418
Yxy	10.8397, 0.2199, 0.1651
Android (android.graphics.Color)	4284043436 (0xFF5950AC)
YUV	93.1790, 38.8588, -3.6650
Hunter-Lab	32.9237, 20.6439, -49.6370

Details

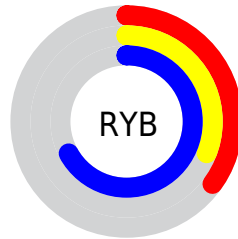
The RGB color **89, 80, 172** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **163, 172, 80**, and the grayscale version is **93, 93, 93**.

A 20% lighter version of the original color is **144, 129, 228**, and **31, 35, 119** is the 20% darker color. If you saturate the color by 10%, you get **73, 63, 172**, and if you desaturate by 10%, it is **105, 97, 172**.

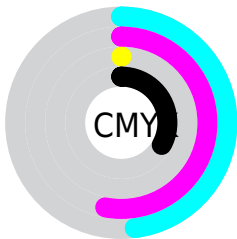
Distribution



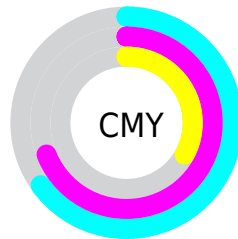
- Red (35%)
- Green (31%)
- Blue (67%)



- Red (35%)
- Yellow (31%)
- Blue (67%)



- Cyan (48%)
- Magenta (53%)
- Yellow (0%)
- Black (33%)



- Cyan (65%)
- Magenta (69%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 89, 80, 172 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 89, 80, 172 by changing the saturation by 10% instead.



89, 80, 172



89, 80, 172

255, 255, 255



61, 57, 145



144, 129, 228



31, 35, 119



172, 156, 255



0, 15, 94



201, 183, 255



0, 0, 69



230, 210, 255



0, 4, 46



255, 239, 255



0, 1, 24



0, 0, 0



89, 80, 172



89, 80, 172



73, 63, 172



105, 97, 172

■ 58, 46, 172

■ 120, 114, 172

■ 42, 28, 172

■ 136, 132, 172

■ 27, 11, 172

■ 151, 149, 172

■ 17, 0, 172

■ 167, 166, 172

■ 182, 183, 172

■ 198, 200, 172

■ 213, 218, 172

■ 229, 235, 172

Harmonies

Analogous

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



0, 98, 185



89, 80, 172



147, 56, 138

Triad

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



89, 80, 172



147, 72, 2



0, 113, 92

Complementary

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



89, 80, 172



163, 172, 80

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, 110, 44



89, 80, 172



112, 91, 0

Square

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



89, 80, 172



168, 50, 49



66, 103, 0



0, 112, 138

Rectangle

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



89, 80, 172



166, 42, 109



66, 103, 0



0, 112, 76

Sweetspot

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



89, 80, 172



192, 188, 224



80, 164, 172



93, 91, 112



240, 240, 240



112, 112, 112

Same Dimension

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



89, 80, 172



95, 81, 224



134, 80, 172



79, 78, 87



15, 0, 150



2, 0, 23

Inverse Universe

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



172, 80, 163



224, 81, 210



118, 172, 80



87, 78, 86



150, 0, 136



23, 0, 21

Previews

White Background



This preview shows how the RGB color 89, 80, 172 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 89, 80, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

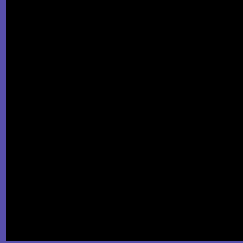
Any Text WCAG AA × Fail

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 89, 80, 172 Background



This preview shows how black text looks on a background with the RGB color 89, 80, 172.

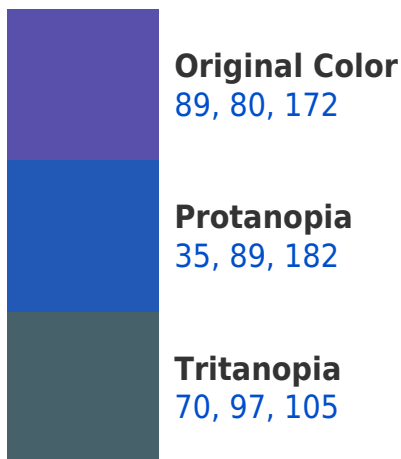


This preview shows how white text looks on a background with the RGB color 89, 80, 172.

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



Trichromacy



Original Color
89, 80, 172

Protanomaly
55, 86, 178

Tritanomaly
77, 91, 129

Monochromacy



Original Color
89, 80, 172

Achromatopsia
93, 93, 93

Achromatomaly
92, 88, 122

CSS Examples

Text

The CSS property to change the color of the text to RGB 89, 80, 172 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(89, 80, 172)` looks like.

```
.text, #text, p{  
    color:rgb(89, 80, 172)  
}
```

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(89, 80, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 80, 172) }
```

Border

The CSS property to change the border of an element to RGB 89, 80, 172 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(89, 80, 172) }
```

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

```
.border{ border-color:rgb(89, 80, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 80, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 80, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 80, 172);  
box-shadow:4px 4px 4px 4px rgb(89, 80,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 89, 80, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 80, 172) }
```

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

```
.background{ background-color: rgb(89, 80,  
172) }
```

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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