

Converting Colors

RGB(139, 112, 194)

Have a look what the booklet for
RGB(139, 112, 194) contains.

RGB(139, 112, 194)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(139, 112, 194)

Conversions

Conversions Part 1

Format	Color
Hex	8B70C2
RGB	139, 112, 194
RGB Percent	55%, 44%, 76%
CMY	0.4549, 0.5608, 0.2392
CMYK	0.28, 0.42, 0.00, 0.24
HSL	260°, 40%, 60%
HSV	260°, 42%, 76%
XYZ	26.1792, 20.9724, 53.7072
YIQ	129.4210, -10.2300, 31.2260

Conversions

Conversions Part 2

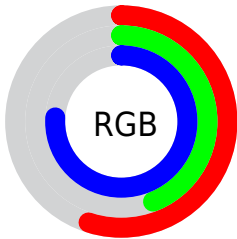
Format	Color
RYB	139, 112, 194
Decimal	9138370
CIELab	52.92, 28.25, -39.20
CIELCh	53, 48.318, 305.784
Yxy	20.9724, 0.2596, 0.2079
Android (android.graphics.Color)	4287328450 (0xFF8B70C2)
YUV	129.4210, 31.8374, 8.4008
Hunter-Lab	45.7956, 21.8980, -37.4760

Details

The RGB color **139, 112, 194** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **167, 194, 112**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **194, 164, 251**, and **86, 64, 140** is the 20% darker color. If you saturate the color by 10%, you get **126, 93, 194**, and if you desaturate by 10%, it is **152, 131, 194**.

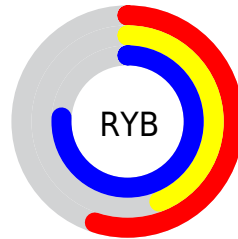
Distribution



Red (55%)

Green (44%)

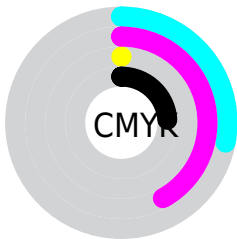
Blue (76%)



Red (55%)

Yellow (44%)

Blue (76%)

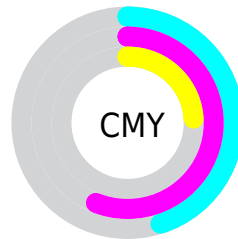


Cyan (28%)

Magenta (42%)

Yellow (0%)

Black (24%)



Cyan (45%)

Magenta (56%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the RGB color 139, 112, 194 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 139, 112, 194 by changing the saturation by 10% instead.

 139, 112, 194

255, 255, 255

 194, 164, 251

 223, 191, 255

 252, 219, 255

 255, 248, 255

 139, 112, 194

 112, 87, 167

 86, 64, 140

 61, 41, 114

 34, 19, 89

 8, 0, 65

 0, 3, 42

 0, 1, 20

 0, 0, 0

 139, 112, 194

 139, 112, 194

■ 126, 93, 194

■ 152, 131, 194

■ 113, 73, 194

■ 165, 151, 194

■ 100, 54, 194

■ 178, 170, 194

■ 87, 34, 194

■ 191, 190, 194

■ 74, 15, 194

■ 204, 209, 194

■ 64, 0, 194

■ 217, 228, 194

■ 230, 248, 194

■ 243, 255, 194

■ 255, 255, 194

Harmonies

Analogous

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



57, 128, 209



139, 112, 194



183, 96, 161

Triad

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



139, 112, 194



176, 112, 49



0, 147, 133

Complementary

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



139, 112, 194



167, 194, 112

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.



27, 144, 91



139, 112, 194



141, 127, 37

Square

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



139, 112, 194



198, 96, 80



98, 138, 55



0, 145, 174

Rectangle

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



139, 112, 194



198, 89, 134



98, 138, 55



0, 146, 119

Sweetspot

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



139, 112, 194



230, 220, 252



112, 168, 194



114, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



139, 112, 194



166, 124, 252



179, 112, 194



90, 87, 97



53, 0, 161



11, 0, 33

Inverse Universe

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



194, 112, 167



252, 124, 210



127, 194, 112



97, 87, 94



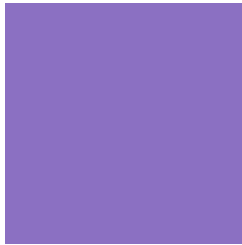
161, 0, 108



33, 0, 22

Previews

White Background



This preview shows how the RGB color 139, 112, 194 looks on a white background.

Color Contrast Check

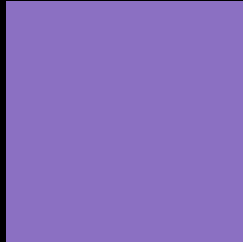
Large Text (above 18pt) WCAG AA ✓ Pass

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 139, 112, 194 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 139, 112, 194 Background



This preview shows how black text looks on a background with the RGB color 139, 112, 194.

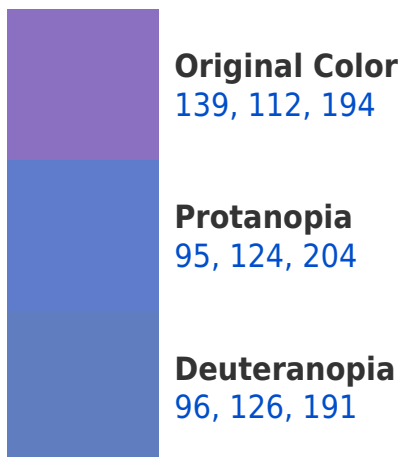


This preview shows how white text looks on a background with the RGB color 139, 112, 194.

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

128, 125, 135

Trichromacy



Original Color

139, 112, 194

Protanomaly

111, 120, 200

Deuteranomaly

112, 121, 192

Tritanomaly

132, 120, 156

Monochromacy



Original Color

139, 112, 194

Achromatopsia

129, 129, 129

Achromatomaly

133, 123, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 139, 112, 194 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(139, 112, 194)` looks like.

```
.text, #text, p{  
    color:rgb(139, 112, 194)  
}
```

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(139, 112, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 112, 194) }
```

Border

The CSS property to change the border of an element to RGB 139, 112, 194 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(139, 112, 194) }
```

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

```
.border{ border-color:rgb(139, 112, 194) }
```

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

Here you see how a box with a 4 pixel rgb(139, 112, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 112, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 112, 194);  
box-shadow:4px 4px 4px 4px rgb(139, 112,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 139, 112, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 112, 194) }
```

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

```
.background{ background-color: rgb(139,  
112, 194) }
```

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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