

Converting Colors

RGB(134, 113, 204)

Have a look what the booklet for
RGB(134, 113, 204) contains.

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Color

RGB(134, 113, 204)

Conversions

Conversions Part 1

Format	Color
Hex	8671CC
RGB	134, 113, 204
RGB Percent	53%, 44%, 80%
CMY	0.4745, 0.5569, 0.2000
CMYK	0.34, 0.45, 0.00, 0.20
HSL	254°, 47%, 62%
HSV	254°, 45%, 80%
XYZ	26.6357, 21.2382, 59.8223
YIQ	129.6530, -16.6950, 32.7530

Conversions

Conversions Part 2

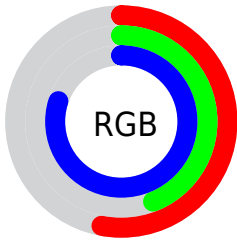
Format	Color
RYB	134, 113, 204
Decimal	8810956
CIELab	53.21, 28.88, -44.48
CIELCh	53, 53.035, 302.998
Yxy	21.2382, 0.2473, 0.1972
Android (android.graphics.Color)	4287001036 (0xFF8671CC)
YUV	129.6530, 36.6531, 3.8123
Hunter-Lab	46.0849, 22.5190, -44.7041

Details

The RGB color **134, 113, 204** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **183, 204, 113**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **190, 165, 255**, and **80, 65, 149** is the 20% darker color. If you saturate the color by 10%, you get **118, 93, 204**, and if you desaturate by 10%, it is **150, 133, 204**.

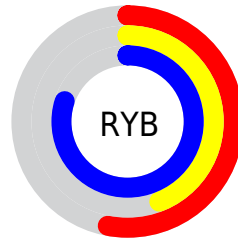
Distribution



Red (53%)

Green (44%)

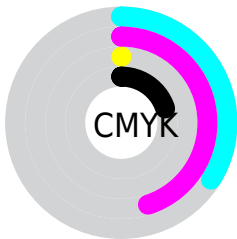
Blue (80%)



Red (53%)

Yellow (44%)

Blue (80%)

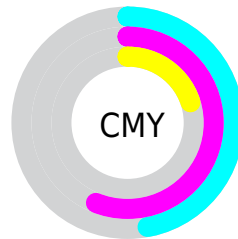


Cyan (34%)

Magenta (45%)

Yellow (0%)

Black (20%)



Cyan (47%)


Magenta (56%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the RGB color 134, 113, 204 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 134, 113, 204 by changing the saturation by 10% instead.

 134, 113, 204


255, 255, 255

 190, 165, 255

 218, 192, 255

 247, 220, 255


 255, 249, 255

 134, 113, 204

 107, 88, 176

 80, 65, 149

 53, 42, 123

 24, 21, 98


 0, 0, 73


 0, 4, 50


 0, 1, 28


 0, 0, 0

 134, 113, 204

 134, 113, 204


 118, 93, 204


 150, 133, 204

 103, 72, 204


 165, 154, 204

 87, 52, 204


 181, 174, 204

 71, 31, 204

 197, 195, 204

 56, 11, 204

 212, 215, 204

 47, 0, 204

 228, 235, 204

 244, 255, 204

 255, 255, 204

Harmonies

Analogous

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



0, 131, 218



134, 113, 204



186, 94, 169

Triad

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



134, 113, 204



183, 109, 44



0, 149, 130

Complementary

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



134, 113, 204



183, 204, 113

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.



15, 146, 84



134, 113, 204



147, 126, 25

Square

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



134, 113, 204



206, 91, 80



100, 139, 44



0, 148, 176

Rectangle

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



134, 113, 204



204, 85, 140



100, 139, 44



0, 148, 114

Sweetspot

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



134, 113, 204



229, 222, 255



113, 184, 204



112, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



134, 113, 204



149, 117, 255



178, 113, 204



94, 92, 102



38, 0, 166



9, 0, 38

Inverse Universe

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



204, 113, 183



255, 117, 223



139, 204, 113



102, 92, 100



166, 0, 128



38, 0, 29

Previews

White Background



This preview shows how the RGB color 134, 113, 204 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 134, 113, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

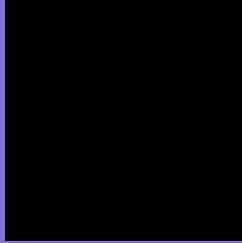
Any Text WCAG AA ✓ Pass

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 134, 113, 204 Background



This preview shows how black text looks on a background with the RGB color 134, 113, 204.

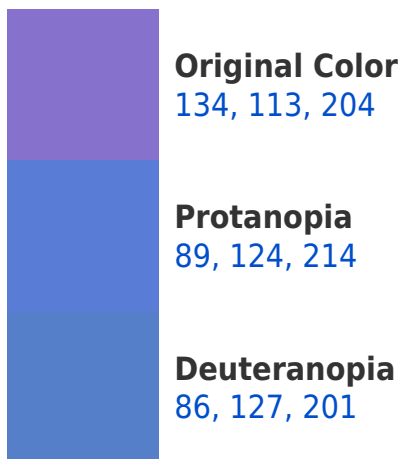


This preview shows how white text looks on a background with the RGB color 134, 113, 204.

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
120, 128, 138

Trichromacy



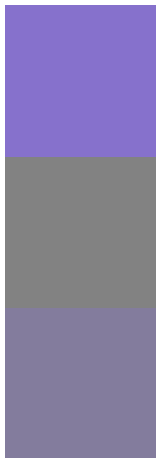
Original Color
134, 113, 204

Protanomaly
105, 120, 210

Deuteranomaly
103, 122, 202

Tritanomaly
125, 123, 162

Monochromacy



Original Color
134, 113, 204

Achromatopsia
130, 130, 130

Achromatomaly
131, 124, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 113, 204 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(134, 113, 204)` looks like.

```
.text, #text, p{  
    color:rgb(134, 113, 204)  
}
```

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(134, 113, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 113, 204) }
```

Border

The CSS property to change the border of an element to RGB 134, 113, 204 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(134, 113, 204) }
```

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

```
.border{ border-color:rgb(134, 113, 204) }
```

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

Here you see how a box with a 4 pixel rgb(134, 113, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 113, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 113, 204);  
box-shadow:4px 4px 4px 4px rgb(134, 113,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 134, 113, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 113, 204) }
```

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

```
.background{ background-color: rgb(134,  
113, 204) }
```

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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