

Converting Colors

RGB(134, 104, 152)

Have a look what the booklet for
RGB(134, 104, 152) contains.

RGB(134, 104, 152)	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(134, 104, 152)

Conversions

Conversions Part 1

Format	Color
Hex	866898
RGB	134, 104, 152
RGB Percent	53%, 41%, 60%
CMY	0.4745, 0.5922, 0.4039
CMYK	0.12, 0.32, 0.00, 0.40
HSL	278°, 19%, 50%
HSV	278°, 32%, 60%
XYZ	20.4493, 17.2360, 31.9548
YIQ	118.4420, 2.4720, 21.2880

Conversions

Conversions Part 2

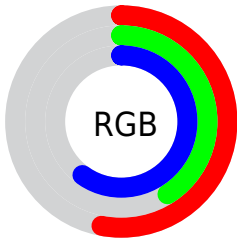
Format	Color
RYB	134, 104, 152
Decimal	8808600
CIELab	48.56, 21.35, -21.61
CIELCh	49, 30.373, 314.655
Yxy	17.2360, 0.2936, 0.2475
Android (android.graphics.Color)	4286998680 (0xFF866898)
YUV	118.4420, 16.5441, 13.6444
Hunter-Lab	41.5162, 15.2690, -16.5739

Details

The RGB color **134, 104, 152** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **122, 152, 104**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **188, 155, 206**, and **84, 56, 101** is the 20% darker color. If you saturate the color by 10%, you get **128, 89, 152**, and if you desaturate by 10%, it is **140, 119, 152**.

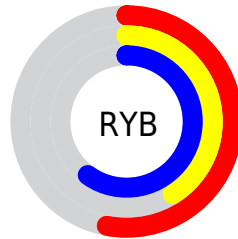
Distribution



Red (53%)

Green (41%)

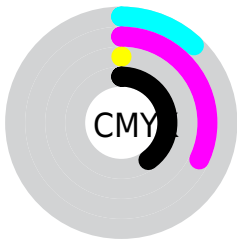
Blue (60%)



Red (53%)

Yellow (41%)

Blue (60%)

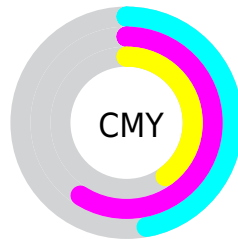


Cyan (12%)

Magenta (32%)

Yellow (0%)

Black (40%)



Cyan (47%)


Magenta (59%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 134, 104, 152 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, 104, 152 by changing the saturation by 10% instead.

 134, 104, 152

255, 255, 255

 188, 155, 206

 216, 182, 235

 244, 210, 255

 255, 238, 255

 134, 104, 152

 108, 80, 126

 84, 56, 101


 60, 34, 77


 37, 13, 54


 16, 0, 33


 0, 0, 5

 0, 0, 0

 134, 104, 152

 128, 89, 152

 134, 104, 152

 140, 119, 152

123, 74, 152

145, 134, 152

117, 58, 152

151, 150, 152

111, 43, 152

157, 165, 152

106, 28, 152

163, 180, 152

100, 13, 152

168, 195, 152

95, 0, 152

174, 210, 152

180, 226, 152

185, 241, 152

Harmonies

Analogous

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



98, 114, 165



134, 104, 152



157, 97, 130

Triad

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



134, 104, 152



143, 109, 66



2, 129, 127

Complementary

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



134, 104, 152



122, 152, 104

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.



57, 128, 101



134, 104, 152



119, 118, 65

Square

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



134, 104, 152



160, 100, 80



91, 124, 78



0, 127, 151

Rectangle

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



134, 104, 152



164, 95, 112



91, 124, 78



27, 129, 119

Sweetspot

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



134, 104, 152



190, 179, 196



104, 122, 152



95, 89, 99



227, 227, 227



99, 99, 99

Same Dimension

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



134, 104, 152



168, 122, 196



152, 104, 146



74, 69, 77



88, 0, 140



8, 0, 13

Inverse Universe

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



152, 104, 122



196, 122, 150



104, 152, 110



77, 69, 72



140, 0, 53



13, 0, 5

Previews

White Background



This preview shows how the RGB color 134, 104, 152 looks on a white background.

Color Contrast Check

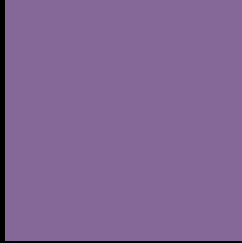
Large Text (above 18pt) WCAG AA ✓ Pass

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 134, 104, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

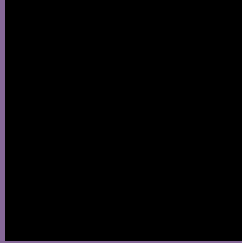
Any Text WCAG AA × Fail

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 134, 104, 152 Background



This preview shows how black text looks on a background with the RGB color 134, 104, 152.



This preview shows how white text looks on a background with the RGB color 134, 104, 152.

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

134, 104, 152

Protanopia

102, 114, 160

Deuteranopia

108, 114, 150



Tritanopia
129, 110, 119

Trichromacy



Original Color
134, 104, 152

Protanomaly
114, 110, 157

Deuteranomaly
117, 110, 151

Tritanomaly
131, 108, 131

Monochromacy



Original Color
134, 104, 152

Achromatopsia
118, 118, 118

Achromatomaly
124, 113, 130

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 104, 152 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, 104, 152)` looks like.

```
.text, #text, p{  
    color:rgb(134, 104, 152)  
}
```

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, 104, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 104, 152) }
```

Border

The CSS property to change the border of an element to RGB 134, 104, 152 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, 104, 152) }
```

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

```
.border{ border-color:rgb(134, 104, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 104, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 104, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 104, 152);  
box-shadow:4px 4px 4px 4px rgb(134, 104,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 134, 104, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 104, 152) }
```

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

```
.background{ background-color: rgb(134,  
104, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor