

Converting Colors

RGB(134, 72, 163)

Have a look what the booklet for
RGB(134, 72, 163) contains.

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Color

RGB(134, 72, 163)

Conversions

Conversions Part 1

Format	Color
Hex	8648A3
RGB	134, 72, 163
RGB Percent	53%, 28%, 64%
CMY	0.4745, 0.7176, 0.3608
CMYK	0.18, 0.56, 0.00, 0.36
HSL	281°, 39%, 46%
HSV	281°, 56%, 64%
XYZ	18.7597, 12.3474, 36.0449
YIQ	100.9120, 7.7410, 41.4450

Conversions

Conversions Part 2

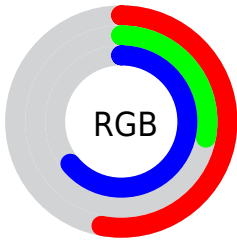
Format	Color
RYB	134, 72, 163
Decimal	8800419
CIELab	41.76, 42.14, -38.76
CIElCh	42, 57.255, 317.389
Yxy	12.3474, 0.2794, 0.1839
Android (android.graphics.Color)	4286990499 (0xFF8648A3)
YUV	100.9120, 30.6094, 29.0182
Hunter-Lab	35.1389, 33.8035, -36.2215

Details

The RGB color **134, 72, 163** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **101, 163, 72**, and the grayscale version is **101, 101, 101**.

A 20% lighter version of the original color is **189, 123, 218**, and **81, 21, 111** is the 20% darker color. If you saturate the color by 10%, you get **129, 56, 163**, and if you desaturate by 10%, it is **139, 88, 163**.

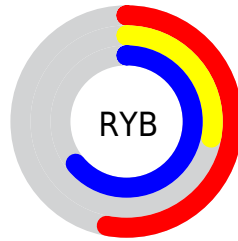
Distribution



Red (53%)

Green (28%)

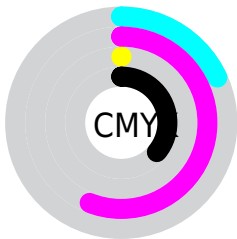
Blue (64%)



Red (53%)

Yellow (28%)

Blue (64%)

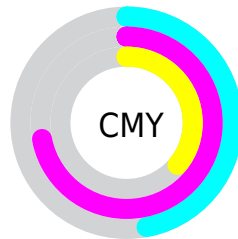


Cyan (18%)

Magenta (56%)

Yellow (0%)

Black (36%)



Cyan (47%)

Magenta (72%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 134, 72, 163 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, 72, 163 by changing the saturation by 10% instead.

 134, 72, 163

255, 255, 255

 189, 123, 218


 218, 150, 247

 247, 177, 255

 255, 205, 255


 255, 233, 255

 134, 72, 163

 129, 56, 163

 134, 72, 163

 107, 47, 136

 81, 21, 111

 56, 0, 86

 33, 0, 62

 0, 0, 39

 0, 1, 17

 0, 0, 0

 134, 72, 163

 139, 88, 163

■ 124, 39, 163

■ 144, 105, 163

■ 118, 23, 163

■ 150, 121, 163

■ 113, 7, 163

■ 155, 137, 163

■ 111, 0, 163

■ 160, 154, 163

■ 165, 170, 163

■ 170, 186, 163

■ 176, 202, 163

■ 181, 219, 163

Harmonies

Analogous

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



44, 95, 189



134, 72, 163



172, 49, 120

Triad

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



134, 72, 163



136, 89, 0



0, 120, 125

Complementary

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



134, 72, 163



101, 163, 72

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, 118, 76



134, 72, 163



94, 105, 0

Square

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



134, 72, 163



167, 68, 29



30, 114, 27



0, 117, 167

Rectangle

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



134, 72, 163



181, 44, 89



30, 114, 27



0, 120, 109

Sweetspot

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



134, 72, 163



200, 176, 212



72, 102, 163



100, 86, 107



235, 235, 235



107, 107, 107

Same Dimension

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



134, 72, 163



166, 70, 212



163, 72, 148



79, 73, 82



99, 0, 145



12, 0, 18

Inverse Universe

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



163, 72, 101



212, 70, 115



72, 163, 87



82, 73, 76



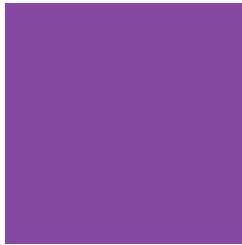
145, 0, 46



18, 0, 6

Previews

White Background



This preview shows how the RGB color 134, 72, 163 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, 72, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

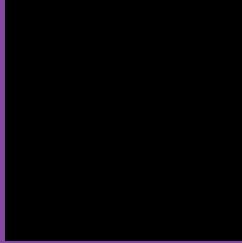
Any Text WCAG AA × Fail

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, 72, 163 Background



This preview shows how black text looks on a background with the RGB color 134, 72, 163.

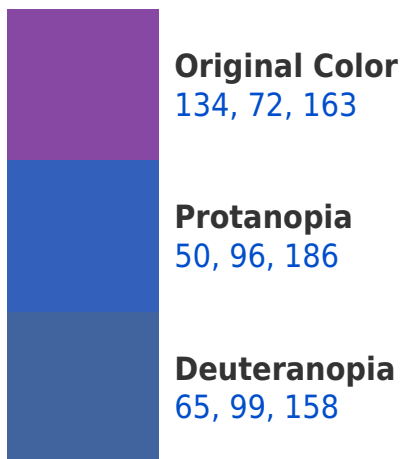


This preview shows how white text looks on a background with the RGB color 134, 72, 163.

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
124, 90, 96

Trichromacy



Original Color

134, 72, 163



Protanomaly

81, 87, 178



Deuteranomaly

90, 89, 160



Tritanomaly

128, 83, 120

Monochromacy



Original Color

134, 72, 163



Achromatopsia

101, 101, 101



Achromatomaly

113, 90, 124

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 72, 163 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, 72, 163)` looks like.

```
.text, #text, p{  
    color:rgb(134, 72, 163)  
}
```

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, 72, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 72, 163) }
```

Border

The CSS property to change the border of an element to RGB 134, 72, 163 is called "border". The border property can be set on classes, ids or directly on the HTML element.

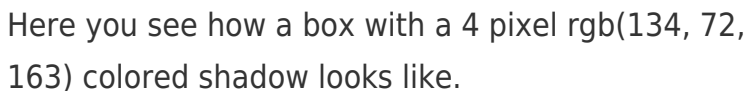
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(134, 72, 163) }
```

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

```
.border{ border-color:rgb(134, 72, 163) }
```

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



Here you see how a box with a 4 pixel `rgb(134, 72, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 72, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 72, 163); box-shadow:4px 4px 4px 4px rgb(134, 72, 163) }
```

Background

The CSS property to change the background color of an element to RGB 134, 72, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 72, 163) }
```

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

```
.background{ background-color: rgb(134, 72,  
163) }
```

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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