

Converting Colors

RGB(87, 72, 134)

Have a look what the booklet for
RGB(87, 72, 134) contains.

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Color

RGB(87, 72, 134)

Conversions

Conversions Part 1

Format	Color
Hex	574886
RGB	87, 72, 134
RGB Percent	34%, 28%, 53%
CMY	0.6588, 0.7176, 0.4745
CMYK	0.35, 0.46, 0.00, 0.47
HSL	255°, 30%, 40%
HSV	255°, 46%, 53%
XYZ	10.5509, 8.3822, 23.6161
YIQ	83.5530, -10.9620, 22.4620

Conversions

Conversions Part 2

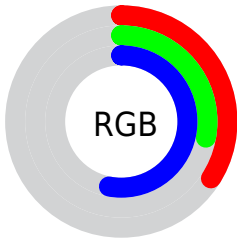
Format	Color
R_{YB}	87, 72, 134
Decimal	5720198
CIE _{Lab}	34.77, 21.48, -32.64
CIE _{LCh}	35, 39.071, 303.350
Yxy	8.3822, 0.2480, 0.1970
Android (android.graphics.Color)	4283910278 (0xFF574886)
YUV	83.5530, 24.8704, 3.0230
Hunter-Lab	28.9520, 14.3843, -28.0963

Details

The RGB color **87, 72, 134** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **119, 134, 72**, and the grayscale version is **83, 83, 83**.

A 20% lighter version of the original color is **139, 121, 188**, and **37, 28, 84** is the 20% darker color. If you saturate the color by 10%, you get **77, 59, 134**, and if you desaturate by 10%, it is **97, 85, 134**.

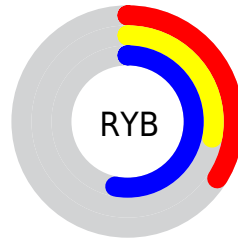
Distribution



Red (34%)

Green (28%)

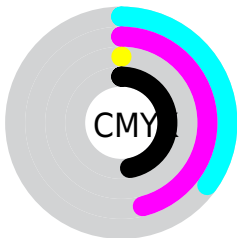
Blue (53%)



Red (34%)

Yellow (28%)

Blue (53%)

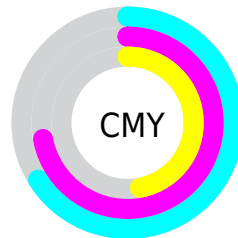


Cyan (35%)

Magenta (46%)

Yellow (0%)

Black (47%)



Cyan (66%)

Magenta (72%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 87, 72, 134 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 87, 72, 134 by changing the saturation by 10% instead.



87, 72, 134



87, 72, 134

255, 255, 255



62, 49, 108



139, 121, 188



37, 28, 84



166, 147, 216



12, 5, 60



194, 173, 244



0, 2, 38



222, 201, 255



0, 1, 15



251, 229, 255



0, 0, 0



87, 72, 134



87, 72, 134



77, 59, 134



97, 85, 134



67, 45, 134



107, 99, 134

■ 57, 32, 134

■ 117, 112, 134

■ 46, 18, 134

■ 128, 126, 134

■ 36, 5, 134

■ 138, 139, 134

■ 32, 0, 134

■ 148, 152, 134

■ 158, 166, 134

■ 168, 179, 134

■ 178, 193, 134

Harmonies

Analogous

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



0, 84, 144



87, 72, 134



122, 59, 110

Triad

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



87, 72, 134



120, 70, 25



0, 97, 84

Complementary

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



87, 72, 134



119, 134, 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.



4, 95, 52



87, 72, 134



95, 81, 12

Square

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



87, 72, 134



135, 58, 49



63, 90, 25



0, 96, 115

Rectangle

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



87, 72, 134



134, 53, 90



63, 90, 25



0, 96, 74

Sweetspot

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



87, 72, 134



155, 149, 173



72, 120, 134



76, 72, 87



214, 214, 214



87, 87, 87

Same Dimension

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



87, 72, 134



100, 76, 173



117, 72, 134



61, 60, 66



31, 0, 130



1, 0, 3

Inverse Universe

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



134, 72, 119



173, 76, 150



89, 134, 72



66, 60, 65



130, 0, 99



3, 0, 2

Previews

White Background



This preview shows how the RGB color 87, 72, 134 looks on a white background.

Color Contrast Check

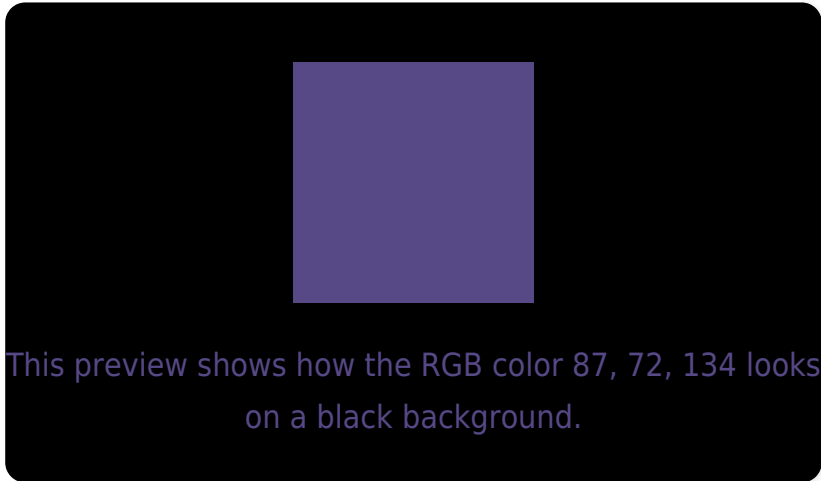
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 87, 72, 134 Background



This preview shows how black text looks on a background with the RGB color 87, 72, 134.

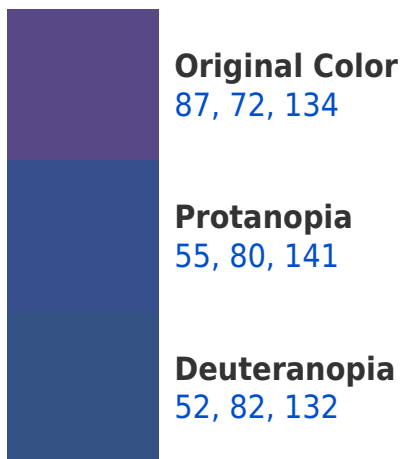


This preview shows how white text looks on a background with the RGB color 87, 72, 134.

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

77, 82, 89

Trichromacy



Original Color

87, 72, 134

Protanomaly

67, 77, 138

Deuteranomaly

65, 78, 133

Tritanomaly

81, 78, 105

Monochromacy



Original Color

87, 72, 134

Achromatopsia

84, 84, 84

Achromatomaly

85, 80, 102

CSS Examples

Text

The CSS property to change the color of the text to RGB 87, 72, 134 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(87, 72, 134)` looks like.

```
.text, #text, p{  
    color:rgb(87, 72, 134)  
}
```

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(87, 72, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 72, 134) }
```

Border

The CSS property to change the border of an element to RGB 87, 72, 134 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(87, 72, 134) }
```

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

```
.border{ border-color:rgb(87, 72, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 72, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 72, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 72, 134);  
box-shadow:4px 4px 4px 4px rgb(87, 72,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 87, 72, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 72, 134) }
```

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

```
.background{ background-color: rgb(87, 72,  
134) }
```

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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