

Converting Colors

RGB(87, 110, 132)

Have a look what the booklet for
RGB(87, 110, 132) contains.

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Color

RGB(87, 110, 132)

Conversions

Conversions Part 1

Format	Color
Hex	576E84
RGB	87, 110, 132
RGB Percent	34%, 43%, 52%
CMY	0.6588, 0.5686, 0.4824
CMYK	0.34, 0.17, 0.00, 0.48
HSL	209°, 21%, 43%
HSV	209°, 34%, 52%
XYZ	13.6713, 14.8440, 23.9744
YIQ	105.6310, -20.7700, 1.9660

Conversions

Conversions Part 2

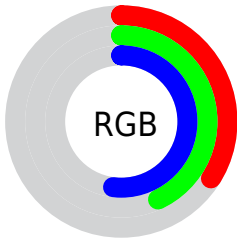
Format	Color
RYB	87, 102, 132
Decimal	5729924
CIELab	45.42, -2.77, -14.87
CIELCh	45, 15.129, 259.467
Yxy	14.8440, 0.2605, 0.2828
Android (android.graphics.Color)	4283920004 (0xFF576E84)
YUV	105.6310, 12.9999, -16.3394
Hunter-Lab	38.5280, -4.0850, -9.9242

Details

The RGB color **87, 110, 132** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **132, 109, 87**, and the grayscale version is **106, 106, 106**.

A 20% lighter version of the original color is **138, 161, 185**, and **39, 63, 83** is the 20% darker color. If you saturate the color by 10%, you get **74, 104, 132**, and if you desaturate by 10%, it is **100, 116, 132**.

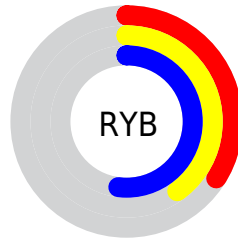
Distribution



Red (34%)

Green (43%)

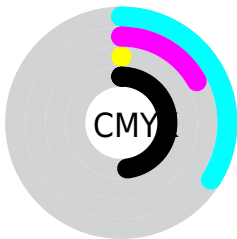
Blue (52%)



Red (34%)

Yellow (40%)

Blue (52%)

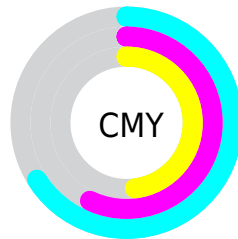


Cyan (34%)

Magenta (17%)

Yellow (0%)

Black (48%)



Cyan (66%)

Magenta (57%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 87, 110, 132 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, 110, 132 by changing the saturation by 10% instead.



87, 110, 132



87, 110, 132

255, 255, 255



63, 86, 107



138, 161, 185



39, 63, 83



165, 188, 213



15, 41, 59



192, 216, 241



0, 20, 38



220, 245, 255



0, 1, 16



249, 255, 255



0, 0, 0



87, 110, 132



87, 110, 132



74, 104, 132



100, 116, 132



61, 97, 132



113, 123, 132

■ 47, 91, 132

■ 127, 129, 132

■ 34, 84, 132

■ 140, 136, 132

■ 21, 78, 132

■ 153, 142, 132

■ 8, 71, 132

■ 166, 149, 132

■ 0, 67, 132

■ 179, 155, 132

■ 193, 162, 132

■ 206, 168, 132

Harmonies

Analogous

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



75, 113, 126



87, 110, 132



104, 106, 131

Triad

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



87, 110, 132



134, 99, 100



94, 113, 91

Complementary

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



87, 110, 132



132, 109, 87

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.



108, 109, 84



87, 110, 132



130, 101, 89

Square

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



87, 110, 132



130, 99, 112



121, 105, 83



81, 114, 102

Rectangle

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



87, 110, 132



115, 103, 127



121, 105, 83



99, 112, 88

Sweetspot

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



87, 110, 132



154, 162, 171



87, 132, 109



76, 82, 87



214, 214, 214



87, 87, 87

Same Dimension

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



87, 110, 132



101, 137, 171



87, 88, 132



60, 63, 66



0, 66, 130



0, 1, 3

Inverse Universe

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



132, 87, 110



171, 101, 137



132, 131, 87



66, 60, 63



130, 0, 66



3, 0, 1

Previews

White Background



This preview shows how the RGB color 87, 110, 132 looks on a white background.

Color Contrast Check

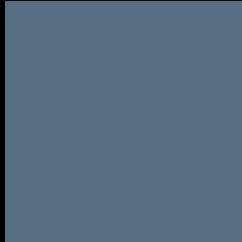
Large Text (above 18pt) WCAG AA ✓ Pass

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 87, 110, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

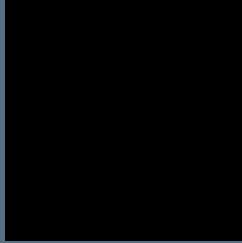
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

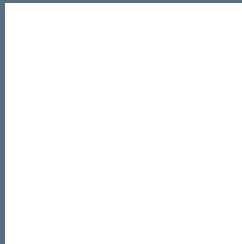
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 87, 110, 132 Background



This preview shows how black text looks on a background with the RGB color 87, 110, 132.



This preview shows how white text looks on a background with the RGB color 87, 110, 132.

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

87, 110, 132

Protanopia

102, 106, 129

Deuteranopia

105, 105, 133



Tritanopia

84, 112, 121

Trichromacy



Original Color

87, 110, 132

Protanomaly

97, 107, 130

Deuteranomaly

98, 107, 133

Tritanomaly

85, 111, 125

Monochromacy



Original Color

87, 110, 132

Achromatopsia

106, 106, 106

Achromatomaly

99, 107, 115

CSS Examples

Text

The CSS property to change the color of the text to RGB 87, 110, 132 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, 110, 132)` looks like.

```
.text, #text, p{  
    color:rgb(87, 110, 132)  
}
```

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, 110, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 110, 132) }
```

Border

The CSS property to change the border of an element to RGB 87, 110, 132 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, 110, 132) }
```

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

```
.border{ border-color:rgb(87, 110, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 110, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 110, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 110, 132);  
box-shadow:4px 4px 4px 4px rgb(87, 110,  
132) }
```

Background

The CSS property to change the background color of an element to RGB 87, 110, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 110, 132) }
```

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

```
.background{ background-color: rgb(87, 110,  
132) }
```

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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