

Converting Colors

RGB(87, 102, 119)

Have a look what the booklet for
RGB(87, 102, 119) contains.

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Color

RGB(87, 102, 119)

Conversions

Conversions Part 1

Format	Color
Hex	576677
RGB	87, 102, 119
RGB Percent	34%, 40%, 47%
CMY	0.6588, 0.6000, 0.5333
CMYK	0.27, 0.14, 0.00, 0.53
HSL	212°, 16%, 40%
HSV	212°, 27%, 47%
XYZ	12.0116, 12.8609, 19.3021
YIQ	99.4530, -14.3970, 2.1070

Conversions

Conversions Part 2

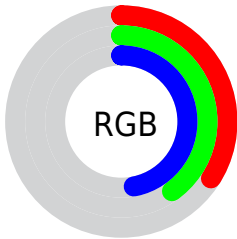
Format	Color
R_{YB}	87, 97, 119
Decimal	5727863
CIE Lab	42.55, -1.47, -11.40
CIE LCh	43, 11.492, 262.654
Yxy	12.8609, 0.2719, 0.2911
Android (android.graphics.Color)	4283917943 (0xFF576677)
YUV	99.4530, 9.6367, -10.9213
Hunter-Lab	35.8621, -2.9720, -6.8083

Details

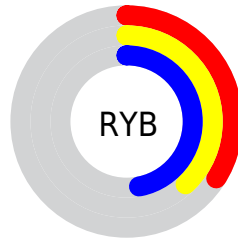
The RGB color **87, 102, 119** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **119, 104, 87**, and the grayscale version is **99, 99, 99**.

A 20% lighter version of the original color is **137, 153, 171**, and **40, 55, 71** is the 20% darker color. If you saturate the color by 10%, you get **75, 96, 119**, and if you desaturate by 10%, it is **99, 108, 119**.

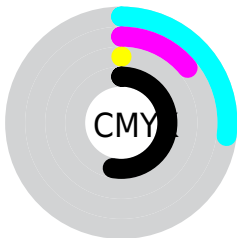
Distribution



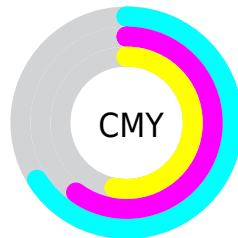
- Red (34%)
- Green (40%)
- Blue (47%)



- Red (34%)
- Yellow (38%)
- Blue (47%)



- Cyan (27%)
- Magenta (14%)
- Yellow (0%)
- Black (53%)



- Cyan (66%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 87, 102, 119 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, 102, 119 by changing the saturation by 10% instead.



87, 102, 119



87, 102, 119

255, 255, 255



63, 78, 94



137, 153, 171



40, 55, 71



164, 180, 199



18, 34, 48



191, 207, 227



0, 11, 28



219, 235, 255



0, 0, 0



248, 255, 255



87, 102, 119



87, 102, 119



75, 96, 119



99, 108, 119



63, 89, 119



111, 115, 119

■ 51, 83, 119

■ 123, 121, 119

■ 39, 77, 119

■ 135, 127, 119

■ 27, 70, 119

■ 147, 134, 119

■ 16, 64, 119

■ 158, 140, 119

■ 4, 58, 119

■ 170, 146, 119

■ 0, 56, 119

■ 182, 153, 119

■ 194, 159, 119

Harmonies

Analogous

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



78, 105, 115



87, 102, 119



99, 99, 118

Triad

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



87, 102, 119



120, 94, 94



89, 105, 89

Complementary

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



87, 102, 119



119, 104, 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.



100, 102, 83



87, 102, 119



118, 96, 86

Square

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



87, 102, 119



118, 94, 103



110, 99, 82



80, 106, 98

Rectangle

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



87, 102, 119



107, 97, 114



110, 99, 82



93, 104, 86

Sweetspot

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



87, 102, 119



143, 149, 156



87, 119, 104



71, 75, 79



207, 207, 207



79, 79, 79

Same Dimension

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



87, 102, 119



106, 129, 156



88, 87, 119



53, 56, 59



0, 57, 122



0, 117, 250

Inverse Universe

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



119, 87, 102



156, 106, 129



118, 119, 87



59, 53, 56



122, 0, 57



250, 0, 117

Previews

White Background



This preview shows how the RGB color 87, 102, 119 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, 102, 119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

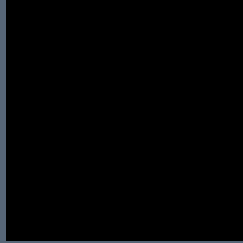
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

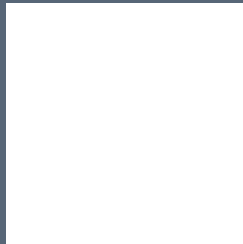
Any Text WCAG AAA × Fail

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

RGB 87, 102, 119 Background



This preview shows how black text looks on a background with the RGB color 87, 102, 119.



This preview shows how white text looks on a background with the RGB color 87, 102, 119.

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, 102, 119

Protanopia
97, 99, 117

Deuteranopia
100, 98, 120



Tritanopia
85, 103, 112

Trichromacy



Original Color

87, 102, 119

Protanomaly

93, 100, 118

Deuteranomaly

95, 99, 120

Tritanomaly

86, 103, 115

Monochromacy



Original Color

87, 102, 119

Achromatopsia

99, 99, 99

Achromatomaly

95, 100, 106

CSS Examples

Text

The CSS property to change the color of the text to RGB 87, 102, 119 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, 102, 119) looks like.

```
.text, #text, p{  
    color:rgb(87, 102, 119)  
}
```

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, 102, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 102, 119) }
```

Border

The CSS property to change the border of an element to RGB 87, 102, 119 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, 102, 119) }
```

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

```
.border{ border-color:rgb(87, 102, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 102, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 102, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 102, 119);  
box-shadow:4px 4px 4px 4px rgb(87, 102,  
119) }
```

Background

The CSS property to change the background color of an element to RGB 87, 102, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 102, 119) }
```

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

```
.background{ background-color: rgb(87, 102,  
119) }
```

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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