

Converting Colors

RGB(83, 109, 104)

Have a look what the booklet for
RGB(83, 109, 104) contains.

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Color

RGB(83, 109, 104)

Conversions

Conversions Part 1

Format	Color
Hex	536D68
RGB	83, 109, 104
RGB Percent	33%, 43%, 41%
CMY	0.6745, 0.5725, 0.5922
CMYK	0.24, 0.00, 0.05, 0.57
HSL	168°, 14%, 38%
HSV	168°, 24%, 43%
XYZ	11.5346, 13.7758, 15.1478
YIQ	100.6560, -13.8910, -7.0670

Conversions

Conversions Part 2

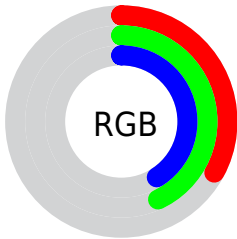
Format	Color
RYB	83, 97, 109
Decimal	5467496
CIELab	43.91, -10.68, -0.34
CIELCh	44, 10.689, 181.819
Yxy	13.7758, 0.2851, 0.3405
Android (android.graphics.Color)	4283657576 (0xFF536D68)
YUV	100.6560, 1.6486, -15.4843
Hunter-Lab	37.1157, -9.4793, 1.7834

Details

The RGB color **83, 109, 104** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **109, 83, 88**, and the grayscale version is **101, 101, 101**.

A 20% lighter version of the original color is **133, 161, 155**, and **37, 61, 57** is the 20% darker color. If you saturate the color by 10%, you get **72, 109, 102**, and if you desaturate by 10%, it is **94, 109, 106**.

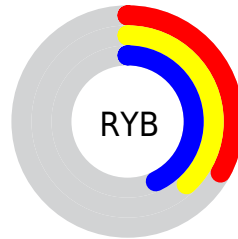
Distribution



Red (33%)

Green (43%)

Blue (41%)



Red (33%)

Yellow (38%)

Blue (43%)

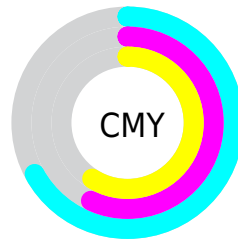


Cyan (24%)

Magenta (0%)

Yellow (5%)

Black (57%)



Cyan (67%)

Magenta (57%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 83, 109, 104 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 83, 109, 104 by changing the saturation by 10% instead.



83, 109, 104



83, 109, 104

255, 255, 255



59, 85, 80



133, 161, 155



37, 61, 57



159, 188, 182



15, 40, 36



187, 215, 209



0, 20, 14



214, 244, 238



0, 0, 0



243, 255, 255



83, 109, 104



83, 109, 104



72, 109, 102



94, 109, 106



61, 109, 100



105, 109, 108

■ 50, 109, 98

■ 116, 109, 110

■ 39, 109, 96

■ 127, 109, 112

■ 29, 109, 94

■ 138, 109, 114

■ 18, 109, 91

■ 148, 109, 117

■ 7, 109, 89

■ 159, 109, 119

■ 0, 109, 88

■ 170, 109, 121

■ 181, 109, 123

Harmonies

Analogous

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



90, 108, 95



83, 109, 104



81, 109, 113

Triad

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



83, 109, 104



106, 101, 119



118, 100, 88

Complementary

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



83, 109, 104



109, 83, 88

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.



122, 98, 95



83, 109, 104



116, 99, 112

Square

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



83, 109, 104



95, 104, 121



122, 98, 104



110, 103, 86

Rectangle

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



83, 109, 104



83, 108, 117



122, 98, 104



120, 100, 90

Sweetspot

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



83, 109, 104



133, 143, 141



88, 109, 83



66, 71, 70



199, 199, 199



71, 71, 71

Same Dimension

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



83, 109, 104



101, 143, 135



83, 101, 109



48, 54, 53



0, 117, 95



0, 245, 198

Inverse Universe

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



109, 83, 88



143, 101, 109



109, 91, 83



54, 48, 49



117, 0, 23



245, 0, 47

Previews

White Background



This preview shows how the RGB color 83, 109, 104 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 83, 109, 104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

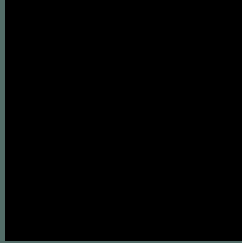
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

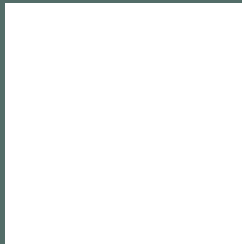
Any Text WCAG AAA × Fail

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

RGB 83, 109, 104 Background



This preview shows how black text looks on a background with the RGB color 83, 109, 104.



This preview shows how white text looks on a background with the RGB color 83, 109, 104.

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

83, 109, 104

Protanopia

106, 103, 101

Deuteranopia

112, 100, 106



Tritanopia
85, 107, 116

Trichromacy



Original Color

83, 109, 104

Protanomaly

98, 105, 102

Deuteranomaly

101, 103, 105

Tritanomaly

84, 108, 112

Monochromacy



Original Color

83, 109, 104

Achromatopsia

101, 101, 101

Achromatomaly

94, 104, 102

CSS Examples

Text

The CSS property to change the color of the text to RGB 83, 109, 104 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(83, 109, 104) looks like.

```
.text, #text, p{  
    color:rgb(83, 109, 104)  
}
```

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(83, 109, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 109, 104) }
```

Border

The CSS property to change the border of an element to RGB 83, 109, 104 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(83, 109, 104) }
```

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

```
.border{ border-color:rgb(83, 109, 104) }
```

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

Here you see how a box with a 4 pixel rgb(83, 109, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 109, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 109, 104);  
box-shadow:4px 4px 4px 4px rgb(83, 109,  
104) }
```

Background

The CSS property to change the background color of an element to RGB 83, 109, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 109, 104) }
```

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

```
.background{ background-color: rgb(83, 109,  
104) }
```

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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