

Converting Colors

RGB(87, 114, 104)

Have a look what the booklet for
RGB(87, 114, 104) contains.

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Color

RGB(87, 114, 104)

Conversions

Conversions Part 1

Format	Color
Hex	577268
RGB	87, 114, 104
RGB Percent	34%, 45%, 41%
CMY	0.6588, 0.5529, 0.5922
CMYK	0.24, 0.00, 0.09, 0.55
HSL	158°, 13%, 39%
HSV	158°, 24%, 45%
XYZ	12.4465, 15.0603, 15.3476
YIQ	104.7870, -12.8820, -8.8340

Conversions

Conversions Part 2

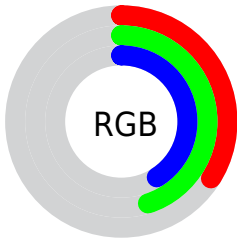
Format	Color
R_{YB}	87, 104, 114
Decimal	5730920
CIE Lab	45.72, -12.11, 2.32
CIE LCh	46, 12.335, 169.147
Yxy	15.0603, 0.2904, 0.3514
Android (android.graphics.Color)	4283921000 (0xFF577268)
YUV	104.7870, -0.3880, -15.5992
Hunter-Lab	38.8077, -10.6644, 3.7174

Details

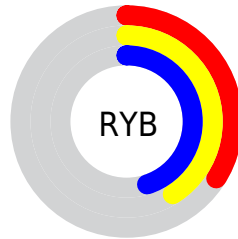
The RGB color **87, 114, 104** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **114, 87, 97**, and the grayscale version is **105, 105, 105**.

A 20% lighter version of the original color is **137, 166, 155**, and **41, 66, 57** is the 20% darker color. If you saturate the color by 10%, you get **76, 114, 100**, and if you desaturate by 10%, it is **98, 114, 108**.

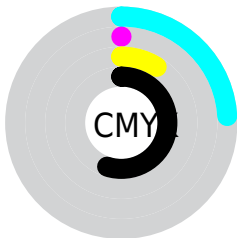
Distribution



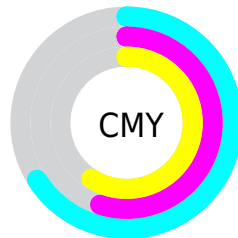
- Red (34%)
- Green (45%)
- Blue (41%)



- Red (34%)
- Yellow (41%)
- Blue (45%)



- Cyan (24%)
- Magenta (0%)
- Yellow (9%)
- Black (55%)



- Cyan (66%)
- Magenta (55%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 87, 114, 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 87, 114, 104 by changing the saturation by 10% instead.



87, 114, 104



87, 114, 104

255, 255, 255



63, 89, 80



137, 166, 155



41, 66, 57



164, 193, 182



19, 44, 36



191, 221, 209



0, 24, 14



219, 250, 238



0, 0, 0



248, 255, 255



87, 114, 104



87, 114, 104



76, 114, 100



98, 114, 108



64, 114, 96



110, 114, 112

■ 53, 114, 91

■ 121, 114, 117

■ 41, 114, 87

■ 133, 114, 121

■ 30, 114, 83

■ 144, 114, 125

■ 19, 114, 79

■ 155, 114, 129

■ 7, 114, 74

■ 167, 114, 134

■ 0, 114, 72

■ 178, 114, 138

■ 190, 114, 142

Harmonies

Analogous

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



97, 112, 95



87, 114, 104



81, 114, 115

Triad

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



87, 114, 104



105, 107, 128



127, 103, 93

Complementary

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



87, 114, 104



114, 87, 97

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.



130, 101, 102



87, 114, 104



118, 104, 122

Square

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



87, 114, 104



92, 110, 128



127, 101, 112



120, 106, 88

Rectangle

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



87, 114, 104



81, 113, 121



127, 101, 112



129, 102, 96

Sweetspot

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



87, 114, 104



138, 148, 144



97, 114, 87



68, 74, 72



201, 201, 201



74, 74, 74

Same Dimension

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



87, 114, 104



106, 148, 133



87, 111, 114



50, 56, 54



0, 120, 75



0, 247, 156

Inverse Universe

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



114, 87, 97



148, 106, 122



114, 90, 87



56, 50, 53



120, 0, 44



247, 0, 92

Previews

White Background



This preview shows how the RGB color 87, 114, 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 87, 114, 104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

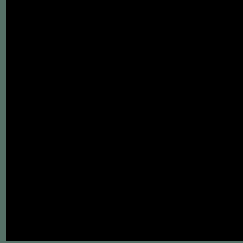
Any Text WCAG AA × Fail

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 87, 114, 104 Background



This preview shows how black text looks on a background with the RGB color 87, 114, 104.



This preview shows how white text looks on a background with the RGB color 87, 114, 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

87, 114, 104

Protanopia

112, 108, 100

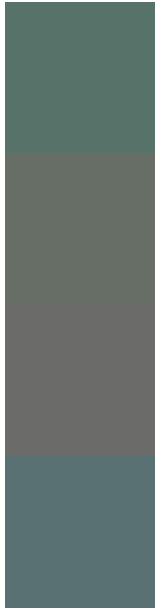
Deuteranopia

119, 104, 106



Tritanopia
90, 112, 120

Trichromacy



Original Color

87, 114, 104

Protanomaly

103, 110, 101

Deuteranomaly

107, 108, 105

Tritanomaly

89, 113, 114

Monochromacy



Original Color

87, 114, 104

Achromatopsia

105, 105, 105

Achromatomaly

98, 108, 105

CSS Examples

Text

The CSS property to change the color of the text to RGB 87, 114, 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(87, 114, 104) looks like.

```
.text, #text, p{  
    color:rgb(87, 114, 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(87, 114, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 114, 104) }
```

Border

The CSS property to change the border of an element to RGB 87, 114, 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(87, 114, 104) }
```

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

```
.border{ border-color:rgb(87, 114, 104) }
```

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

Here you see how a box with a 4 pixel rgb(87, 114, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 114, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 114, 104);  
box-shadow:4px 4px 4px 4px rgb(87, 114,  
104) }
```

Background

The CSS property to change the background color of an element to RGB 87, 114, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 114, 104) }
```

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

```
.background{ background-color: rgb(87, 114,  
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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