

Converting Colors

RGB(104, 138, 114)

Have a look what the booklet for
RGB(104, 138, 114) contains.

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Color

RGB(104, 138, 114)

Conversions

Conversions Part 1

Format	Color
Hex	688A72
RGB	104, 138, 114
RGB Percent	41%, 54%, 45%
CMY	0.5922, 0.4588, 0.5529
CMYK	0.25, 0.00, 0.17, 0.46
HSL	138°, 14%, 47%
HSV	138°, 25%, 54%
XYZ	17.8347, 22.3349, 19.2907
YIQ	125.0980, -12.5600, -14.6720

Conversions

Conversions Part 2

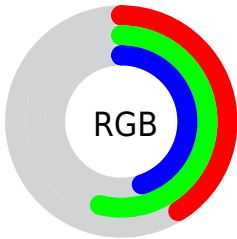
Format	Color
RYB	104, 130, 138
Decimal	6851186
CIELab	54.38, -17.11, 9.02
CIELCh	54, 19.344, 152.218
Yxy	22.3349, 0.2999, 0.3756
Android (android.graphics.Color)	4285041266 (0xFF688A72)
YUV	125.0980, -5.4713, -18.5029
Hunter-Lab	47.2598, -15.3433, 8.8807

Details

The RGB color **104, 138, 114** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **138, 104, 128**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **156, 192, 166**, and **56, 88, 66** is the 20% darker color. If you saturate the color by 10%, you get **90, 138, 104**, and if you desaturate by 10%, it is **118, 138, 124**.

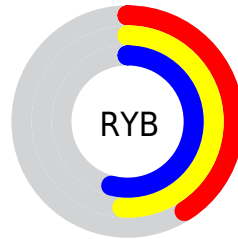
Distribution



Red (41%)

Green (54%)

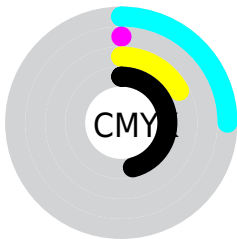
Blue (45%)



Red (41%)

Yellow (51%)

Blue (54%)

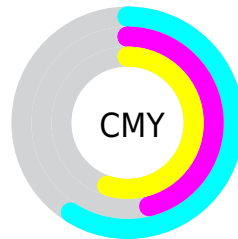


Cyan (25%)

Magenta (0%)

Yellow (17%)

Black (46%)



Cyan (59%)


Magenta (46%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 104, 138, 114 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 104, 138, 114 by changing the saturation by 10% instead.

 104, 138, 114


255, 255, 255


 156, 192, 166

 183, 219, 193


 211, 248, 221

 239, 255, 249

 104, 138, 114

 90, 138, 104


 76, 138, 95

 104, 138, 114

 79, 112, 89


 56, 88, 66

 33, 64, 44


 11, 42, 23

 0, 23, 0

 0, 0, 0

 104, 138, 114

 118, 138, 124

 132, 138, 133

■ 63, 138, 85

■ 145, 138, 143

■ 49, 138, 75

■ 159, 138, 153

■ 35, 138, 65

■ 173, 138, 163

■ 21, 138, 56

■ 187, 138, 172

■ 7, 138, 46

■ 201, 138, 182

■ 0, 138, 41

■ 214, 138, 192

■ 228, 138, 202

Harmonies

Analogous

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



123, 134, 102



104, 138, 114



88, 140, 131

Triad

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



104, 138, 114



112, 131, 163



164, 119, 113

Complementary

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



104, 138, 114



138, 104, 128

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.



163, 118, 129



104, 138, 114



134, 125, 158

Square

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



104, 138, 114



91, 136, 159



153, 120, 146



156, 124, 101

Rectangle

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



104, 138, 114



82, 139, 142



153, 120, 146



164, 119, 118

Sweetspot

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



104, 138, 114



166, 179, 170



128, 138, 104



82, 89, 84



217, 217, 217



89, 89, 89

Same Dimension

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



104, 138, 114



125, 179, 141



104, 138, 131



62, 69, 64



0, 133, 39



0, 5, 2

Inverse Universe

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



138, 104, 128



179, 125, 163



138, 104, 111



69, 62, 67



133, 0, 94



5, 0, 4

Previews

White Background



This preview shows how the RGB color 104, 138, 114 looks on a white 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

Black Background



This preview shows how the RGB color 104, 138, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

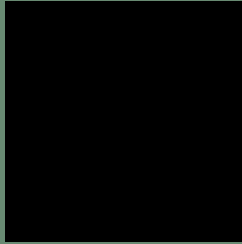
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 104, 138, 114 Background



This preview shows how black text looks on a background with the RGB color 104, 138, 114.



This preview shows how white text looks on a background with the RGB color 104, 138, 114.

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
104, 138, 114

Protanopia
137, 129, 110

Deuteranopia
147, 125, 117



Tritanopia
110, 134, 144

Trichromacy



Original Color
104, 138, 114

Protanomaly
125, 132, 111

Deuteranomaly
131, 130, 116

Tritanomaly
108, 135, 133

Monochromacy



Original Color
104, 138, 114

Achromatopsia
125, 125, 125

Achromatomaly
117, 130, 121

CSS Examples

Text

The CSS property to change the color of the text to RGB 104, 138, 114 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(104, 138, 114)` looks like.

```
.text, #text, p{  
    color:rgb(104, 138, 114)  
}
```

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(104, 138, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 138, 114) }
```

Border

The CSS property to change the border of an element to RGB 104, 138, 114 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(104, 138, 114) }
```

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

```
.border{ border-color:rgb(104, 138, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 138, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 138, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 138, 114);  
box-shadow:4px 4px 4px 4px rgb(104, 138,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 104, 138, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 138, 114) }
```

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

```
.background{ background-color: rgb(104,  
138, 114) }
```

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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