

Converting Colors

`RYB(94, 128, 114)`

Have a look what the booklet for
RYB(94, 128, 114) contains.

RYB(94, 128, 114)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(94, 128, 114)`

Conversions

Conversions Part 1

Format	Color
Hex	6C805E
RGB	108, 128, 94
RGB Percent	42%, 50%, 37%
CMY	0.5765, 0.4980, 0.6314
CMYK	0.16, 0.00, 0.27, 0.50
HSL	95°, 15%, 44%
HSV	95°, 27%, 50%
XYZ	15.9239, 19.4346, 13.5017
YIQ	118.1440, -1.0060, -14.8140

Conversions

Conversions Part 2

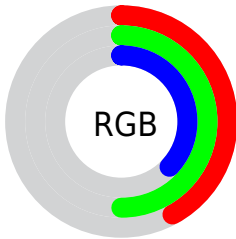
Format	Color
RYB	94, 128, 114
Decimal	7110750
CIELab	51.19, -13.98, 16.12
CIElCh	51, 21.335, 130.945
Yxy	19.4346, 0.3259, 0.3978
Android (android.graphics.Color)	4285300830 (0xFF6C805E)
YUV	118.1440, -11.9030, -8.8963
Hunter-Lab	44.0847, -12.6721, 12.7008

Details

The RYB color **94, 128, 114** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **114, 94, 128**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **145, 181, 166**, and **48, 79, 67** is the 20% darker color. If you saturate the color by 10%, you get **81, 128, 109**, and if you desaturate by 10%, it is **107, 128, 119**.

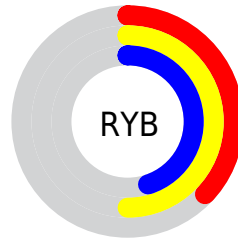
Distribution



Red (42%)

Green (50%)

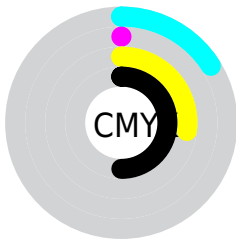
Blue (37%)



Red (37%)

Yellow (50%)

Blue (45%)

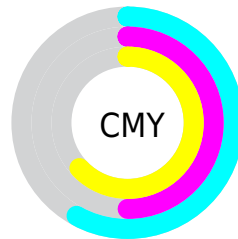


Cyan (16%)

Magenta (0%)

Yellow (27%)

Black (50%)



Cyan (58%)

Magenta (50%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the RYB color 94, 128, 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 RYB color 94, 128, 114 by changing the saturation by 10% instead.



94, 128, 114



94, 128, 114

255, 255, 255



70, 103, 90



145, 181, 166



48, 79, 67



171, 208, 192



26, 56, 44



198, 237, 220



1, 34, 17



227, 255, 239



0, 8, 8



0, 0, 0



94, 128, 114



94, 128, 114



81, 128, 109



107, 128, 119



68, 128, 103



120, 128, 125

■ 56, 128, 99

■ 131, 128, 132

■ 43, 128, 93

■ 138, 128, 145

■ 30, 128, 88

■ 146, 128, 158

■ 17, 128, 82

■ 153, 128, 171

■ 4, 128, 77

■ 161, 128, 184

■ 0, 128, 75

■ 168, 128, 196

■ 176, 128, 209

Harmonies

Analogous

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



92, 128, 86



94, 128, 114



87, 116, 131

Triad

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



94, 128, 114



83, 110, 156



159, 109, 116

Complementary

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



94, 128, 114



114, 94, 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.



151, 110, 134



94, 128, 114



109, 119, 157

Square

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



94, 128, 114



67, 102, 145



133, 115, 150



156, 114, 99

Rectangle

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



94, 128, 114



75, 106, 132



133, 115, 150



157, 109, 122

Sweetspot

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



94, 128, 114



152, 166, 160



118, 128, 94



76, 84, 81



212, 212, 212



84, 84, 84

Same Dimension

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



94, 128, 114



113, 166, 144



94, 125, 128



57, 64, 61



0, 128, 76



0, 0, 0

Inverse Universe

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



114, 94, 128



144, 113, 166



128, 94, 125



61, 57, 64



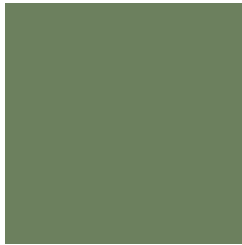
75, 0, 128



0, 0, 0

Previews

White Background



This preview shows how the RYB color 94, 128, 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 RYB color 94, 128, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

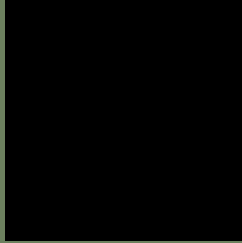
Any Text WCAG AA ✓ Pass

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](#).

R Y B 94, 128, 114 Background



This preview shows how black text looks on a background with the R Y B color 94, 128, 114.



This preview shows how white text looks on a background with the R Y B color 94, 128, 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
94, 128, 114

Protanopia
101, 130, 91

Deuteranopia
142, 135, 96



Tritanopia
114, 120, 133

Trichromacy



Original Color

94, 128, 114

Protanomaly

92, 124, 94

Deuteranomaly

107, 130, 95

Tritanomaly

112, 120, 125

Monochromacy



Original Color

94, 128, 114

Achromatopsia

118, 118, 118

Achromatomaly

109, 122, 117

CSS Examples

Text

The CSS property to change the color of the text to RYB 94, 128, 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(108, 128, 94)` looks like.

```
.text, #text, p{  
    color:rgb(108, 128, 94)  
}
```

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(108, 128, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 128, 94) }
```

Border

The CSS property to change the border of an element to RYB 94, 128, 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(108, 128, 94) }
```

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

```
.border{ border-color:rgb(108, 128, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 128, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 128, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 128, 94);  
box-shadow:4px 4px 4px 4px rgb(108, 128,  
94) }
```

Background

The CSS property to change the background color of an element to RGB 108, 128, 94 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 128, 94) }
```

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

```
.background{ background-color: rgb(108,  
128, 94) }
```

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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