

# Converting Colors

`RYB(94, 118, 141)`

Have a look what the booklet for  
RYB(94, 118, 141) contains.

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# Color

**R<sub>Y</sub>B(94, 118, 141)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E8D8B
RGB	94, 141, 139
RGB Percent	37%, 55%, 55%
CMY	0.6314, 0.4471, 0.4547
CMYK	0.33, 0.00, 0.01, 0.45
HSL	177°, 20%, 46%
HSV	177°, 33%, 55%
XYZ	18.8042, 23.2947, 27.9473
YIQ	126.7190, -27.3700, -10.5860

# Conversions

## Conversions Part 2

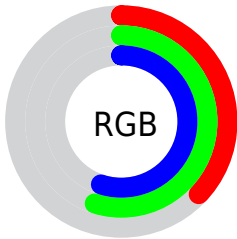
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 118, 141
Decimal	6196619
CIE <sub>Lab</sub>	55.37, -16.30, -4.04
CIE <sub>LCh</sub>	55, 16.797, 193.929
Yxy	23.2947, 0.2685, 0.3326
Android (android.graphics.Color)	4284386699 (0xFF5E8D8B)
YUV	126.7190, 6.0545, -28.6946
Hunter-Lab	48.2646, -14.9183, -0.5462

# Details

The RYB color **94, 118, 141** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **141, 94, 96**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **146, 171, 195**, and **44, 68, 91** is the 20% darker color. If you saturate the color by 10%, you get **80, 111, 141**, and if you desaturate by 10%, it is **108, 125, 141**.

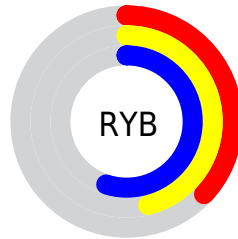
# Distribution



Red (37%)

Green (55%)

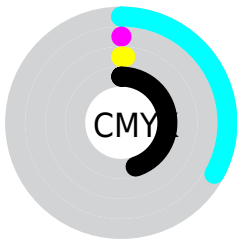
Blue (55%)



Red (37%)

Yellow (46%)

Blue (55%)

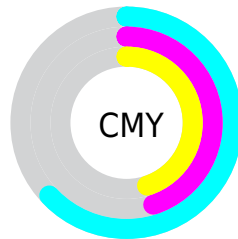


Cyan (33%)

Magenta (0%)

Yellow (1%)

Black (45%)



Cyan (63%)

Magenta (45%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 94, 118, 141 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, 118, 141 by changing the saturation by 10% instead.





94, 118, 141



94, 118, 141

255, 255, 255



69, 92, 115



146, 171, 195



44, 68, 91



173, 199, 223



18, 43, 67



201, 227, 251



0, 23, 45



230, 243, 255



0, 13, 25



0, 0, 0



94, 118, 141



94, 118, 141



80, 111, 141



108, 125, 141



66, 104, 141



122, 132, 141

■ 52, 98, 141

■ 136, 139, 141

■ 38, 91, 141

■ 150, 141, 141

■ 24, 84, 141

■ 165, 141, 142

■ 9, 76, 141

■ 179, 141, 143

■ 0, 72, 141

■ 193, 141, 143

■ 207, 141, 144

■ 221, 141, 144

# Harmonies

## Analogous

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



104, 127, 140



94, 118, 141



94, 120, 152

# Triad

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



94, 118, 141



143, 127, 154



147, 151, 105

# Complementary

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



94, 118, 141



141, 94, 96

# 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.



160, 129, 113



94, 118, 141



157, 123, 141

# Square

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



94, 118, 141



125, 131, 161



163, 122, 126



107, 137, 104

# Rectangle

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



94, 118, 141



101, 123, 158



163, 122, 126



155, 141, 107



# Sweetspot

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



94, 118, 141



165, 175, 184



94, 141, 139



81, 87, 92



219, 219, 219



92, 92, 92



# Same Dimension

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



94, 118, 141



110, 148, 184



94, 111, 141



64, 68, 71



0, 69, 135



0, 4, 8



# Inverse Universe

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



141, 94, 96



184, 110, 113



141, 132, 94



71, 64, 65



135, 0, 6

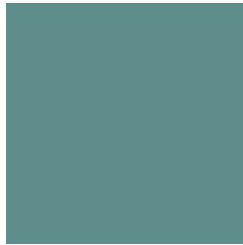


8, 0, 0



# Previews

## White Background



This preview shows how the RYB color 94, 118, 141 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, 118, 141 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

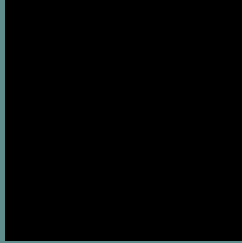
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## R Y B 94, 118, 141 Background



This preview shows how black text looks on a background with the R Y B color 94, 118, 141.

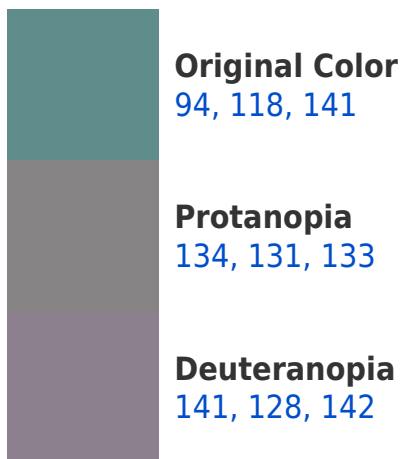


This preview shows how white text looks on a background with the R Y B color 94, 118, 141.

# 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](#).

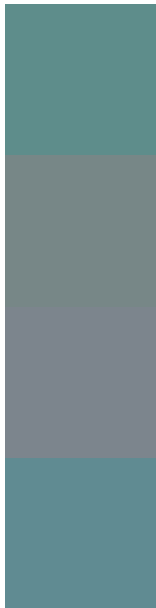
## Dichromacy





**Tritanopia**  
97, 120, 150

# Trichromacy



**Original Color**

94, 118, 141

**Protanomaly**

119, 127, 135

**Deuteranomaly**

124, 130, 141

**Tritanomaly**

96, 119, 146

# Monochromacy



**Original Color**

94, 118, 141

**Achromatopsia**

127, 127, 127

**Achromatomaly**

115, 124, 132

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 94, 118, 141 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(94, 141, 139)` looks like.

```
.text, #text, p{  
    color:rgb(94, 141, 139)  
}
```

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(94, 141, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 141, 139) }
```

## Border

The CSS property to change the border of an element to RYB 94, 118, 141 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(94, 141, 139) }
```

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

```
.border{ border-color:rgb(94, 141, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 141, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 141, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 141, 139);  
box-shadow:4px 4px 4px 4px rgb(94, 141,  
139) }
```

# Background

The CSS property to change the background color of an element to RYB 94, 118, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 141, 139) }
```

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

```
.background{ background-color: rgb(94, 141,  
139) }
```

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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