

Converting Colors

RGB(91, 145, 139)

Have a look what the booklet for
RGB(91, 145, 139) contains.

RGB(91, 145, 139)	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

RGB(91, 145, 139)

Conversions

Conversions Part 1

Format	Color
Hex	5B918B
RGB	91, 145, 139
RGB Percent	36%, 57%, 55%
CMY	0.6431, 0.4314, 0.4549
CMYK	0.37, 0.00, 0.04, 0.43
HSL	173°, 23%, 46%
HSV	173°, 37%, 57%
XYZ	19.1000, 24.3390, 28.1173
YIQ	128.1700, -30.2580, -13.3140

Conversions

Conversions Part 2

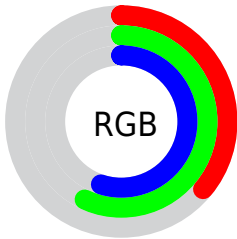
Format	Color
R_{YB}	91, 120, 145
Decimal	6001035
CIE _{Lab}	56.43, -19.31, -2.49
CIE _{LCh}	56, 19.474, 187.342
Yxy	24.3390, 0.2669, 0.3401
Android (android.graphics.Color)	4284191115 (0xFF5B918B)
YUV	128.1700, 5.3392, -32.5981
Hunter-Lab	49.3346, -17.2289, 0.7430

Details

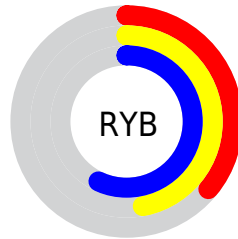
The RGB color **91, 145, 139** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **145, 91, 97**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **144, 199, 192**, and **40, 94, 89** is the 20% darker color. If you saturate the color by 10%, you get **77, 145, 137**, and if you desaturate by 10%, it is **106, 145, 141**.

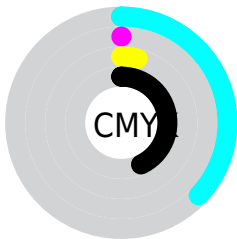
Distribution



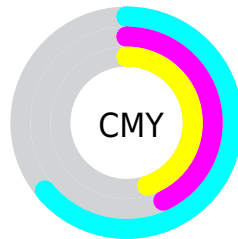
- Red (36%)
- Green (57%)
- Blue (55%)



- Red (36%)
- Yellow (47%)
- Blue (57%)



- Cyan (37%)
- Magenta (0%)
- Yellow (4%)
- Black (43%)



- Cyan (64%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 91, 145, 139 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 91, 145, 139 by changing the saturation by 10% instead.



91, 145, 139



91, 145, 139

255, 255, 255



66, 119, 114



144, 199, 192



40, 94, 89



171, 227, 220



11, 70, 66



199, 255, 249



0, 48, 44



227, 255, 255



0, 28, 23



0, 0, 0



91, 145, 139



91, 145, 139



77, 145, 137



106, 145, 141



62, 145, 136



120, 145, 142

■ 47, 145, 134

■ 135, 145, 144

■ 33, 145, 133

■ 149, 145, 145

■ 19, 145, 131

■ 164, 145, 147

■ 4, 145, 129

■ 178, 145, 149

■ 0, 145, 129

■ 193, 145, 150

■ 207, 145, 152

■ 222, 145, 153

Harmonies

Analogous

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



106, 144, 122



91, 145, 139



87, 144, 155

Triad

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



91, 145, 139



143, 130, 162



159, 130, 105

Complementary

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



91, 145, 139



145, 91, 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.



169, 125, 116



91, 145, 139



161, 125, 149

Square

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



91, 145, 139



121, 135, 169



169, 123, 132



144, 136, 102

Rectangle

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



91, 145, 139



94, 142, 163



169, 123, 132



163, 128, 107

Sweetspot

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



91, 145, 139



168, 189, 186



97, 145, 91



82, 94, 93



222, 222, 222



94, 94, 94

Same Dimension

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



91, 145, 139



104, 189, 179



91, 124, 145



64, 71, 71



0, 135, 120



0, 8, 7

Inverse Universe

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



145, 91, 97



189, 104, 113



145, 112, 91



71, 64, 65



135, 0, 15



8, 0, 1

Previews

White Background



This preview shows how the RGB color 91, 145, 139 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 91, 145, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

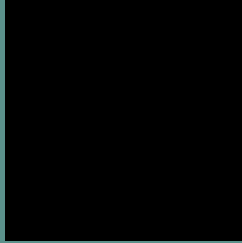
Any Text WCAG AA ✓ Pass

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 91, 145, 139 Background



This preview shows how black text looks on a background with the RGB color 91, 145, 139.

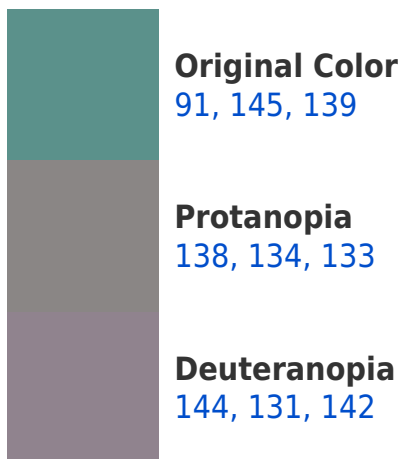


This preview shows how white text looks on a background with the RGB color 91, 145, 139.

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

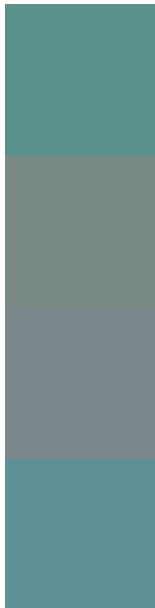




Tritanopia

95, 143, 154

Trichromacy



Original Color

91, 145, 139

Protanomaly

121, 138, 135

Deuteranomaly

125, 136, 141

Tritanomaly

94, 144, 149

Monochromacy



Original Color

91, 145, 139

Achromatopsia

128, 128, 128

Achromatomaly

115, 134, 132

CSS Examples

Text

The CSS property to change the color of the text to RGB 91, 145, 139 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(91, 145, 139)` looks like.

```
.text, #text, p{  
    color:rgb(91, 145, 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(91, 145, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 145, 139) }
```

Border

The CSS property to change the border of an element to RGB 91, 145, 139 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(91, 145, 139) }
```

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

```
.border{ border-color:rgb(91, 145, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 145, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 145, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 145, 139);  
box-shadow:4px 4px 4px 4px rgb(91, 145,  
139) }
```

Background

The CSS property to change the background color of an element to RGB 91, 145, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 145, 139) }
```

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

```
.background{ background-color: rgb(91, 145,  
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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