

Converting Colors

RGB(93, 140, 110)

Have a look what the booklet for
RGB(93, 140, 110) contains.

RGB(93, 140, 110)	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(93, 140, 110)

Conversions

Conversions Part 1

Format	Color
Hex	5D8C6E
RGB	93, 140, 110
RGB Percent	36%, 55%, 43%
CMY	0.6353, 0.4510, 0.5686
CMYK	0.34, 0.00, 0.21, 0.45
HSL	142°, 20%, 46%
HSV	142°, 34%, 55%
XYZ	16.7068, 22.2091, 18.1581
YIQ	122.5270, -18.3820, -19.2940

Conversions

Conversions Part 2

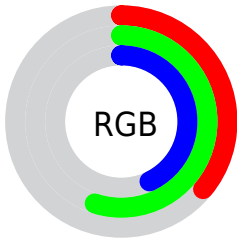
Format	Color
R_{YB}	93, 128, 140
Decimal	6130798
CIE _{Lab}	54.25, -22.71, 11.03
CIE _{LCh}	54, 25.248, 154.092
Yxy	22.2091, 0.2927, 0.3891
Android (android.graphics.Color)	4284320878 (0xFF5D8C6E)
YUV	122.5270, -6.1758, -25.8952
Hunter-Lab	47.1265, -19.1917, 10.1438

Details


The RGB color **93, 140, 110** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **140, 93, 123**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **145, 194, 162**, and **44, 90, 62** is the 20% darker color. If you saturate the color by 10%, you get **79, 140, 101**, and if you desaturate by 10%, it is **107, 140, 119**.

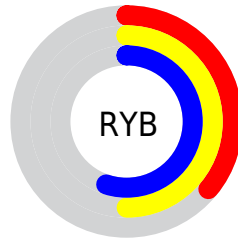
Distribution



 Red (36%)

 Green (55%)

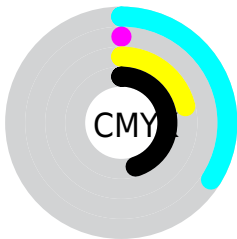
 Blue (43%)




 Red (36%)

 Yellow (50%)

 Blue (55%)

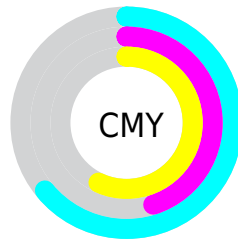



 Cyan (34%)


 Magenta (0%)

 Yellow (21%)

 Black (45%)



 Cyan (64%)

 Magenta (45%)

 Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RGB color 93, 140, 110 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 93, 140, 110 by changing the saturation by 10% instead.



93, 140, 110



93, 140, 110

255, 255, 255



68, 114, 86



145, 194, 162



44, 90, 62



172, 222, 189



20, 66, 40



199, 250, 216



0, 43, 20



228, 255, 245



0, 23, 0



0, 0, 0



93, 140, 110



93, 140, 110



79, 140, 101



107, 140, 119



65, 140, 92



121, 140, 128

■ 51, 140, 83

■ 135, 140, 137

■ 37, 140, 74

■ 149, 140, 146

■ 23, 140, 65

■ 163, 140, 155

■ 9, 140, 56

■ 177, 140, 164

■ 0, 140, 51

■ 191, 140, 173

■ 205, 140, 181

■ 219, 140, 190

Harmonies

Analogous

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



119, 136, 93



93, 140, 110



69, 142, 132

Triad

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



93, 140, 110



105, 131, 173



172, 116, 106

Complementary

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



93, 140, 110



140, 93, 123

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.



172, 113, 127



93, 140, 110



137, 123, 166

Square

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



93, 140, 110



74, 137, 168



160, 116, 149



161, 122, 91

Rectangle

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



93, 140, 110



59, 141, 147



160, 116, 149



173, 114, 113

Sweetspot

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



93, 140, 110



163, 181, 169



124, 140, 93



81, 92, 85



219, 219, 219



92, 92, 92

Same Dimension

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



93, 140, 110



109, 181, 135



93, 140, 133



62, 69, 64



0, 133, 48



0, 5, 2

Inverse Universe

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



140, 93, 123



181, 109, 155



140, 93, 100



69, 62, 66



133, 0, 85



5, 0, 3

Previews

White Background



This preview shows how the RGB color 93, 140, 110 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 93, 140, 110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

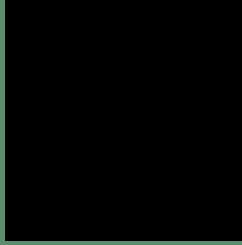
Any Text WCAG AA ✓ Pass

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 93, 140, 110 Background



This preview shows how black text looks on a background with the RGB color 93, 140, 110.




This preview shows how white text looks on a background with the RGB color 93, 140, 110.

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
100, 135, 146

Trichromacy



Original Color
93, 140, 110

Protanomaly
121, 133, 107

Deuteranomaly
127, 130, 112

Tritanomaly
97, 137, 133

Monochromacy



Original Color
93, 140, 110

Achromatopsia
123, 123, 123

Achromatomaly
112, 129, 118

CSS Examples

Text

The CSS property to change the color of the text to RGB 93, 140, 110 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(93, 140, 110)` looks like.

```
.text, #text, p{  
    color:rgb(93, 140, 110)  
}
```

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(93, 140, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 140, 110) }
```

Border

The CSS property to change the border of an element to RGB 93, 140, 110 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(93, 140, 110) }
```

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

```
.border{ border-color:rgb(93, 140, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 140, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 140, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 140, 110);  
box-shadow:4px 4px 4px 4px rgb(93, 140,  
110) }
```

Background

The CSS property to change the background color of an element to RGB 93, 140, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 140, 110) }
```

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

```
.background{ background-color: rgb(93, 140,  
110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor