

Converting Colors

RGB(93, 142, 131)

Have a look what the booklet for
RGB(93, 142, 131) contains.

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Color

RGB(93, 142, 131)

Conversions

Conversions Part 1

Format	Color
Hex	5D8E83
RGB	93, 142, 131
RGB Percent	36%, 56%, 51%
CMY	0.6353, 0.4431, 0.4863
CMYK	0.35, 0.00, 0.08, 0.44
HSL	167°, 21%, 46%
HSV	167°, 35%, 56%
XYZ	18.2839, 23.3119, 25.0087
YIQ	126.0950, -25.6730, -13.8090

Conversions

Conversions Part 2

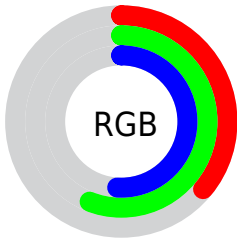
Format	Color
R_{YB}	93, 121, 142
Decimal	6131331
CIE _{Lab}	55.39, -19.09, 0.61
CIE _{LCh}	55, 19.101, 178.178
Yxy	23.3119, 0.2745, 0.3500
Android (android.graphics.Color)	4284321411 (0xFF5D8E83)
YUV	126.0950, 2.4182, -29.0243
Hunter-Lab	48.2823, -16.8983, 3.0873

Details

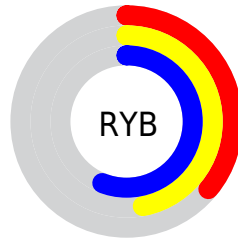
The RGB color **93, 142, 131** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **142, 93, 104**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **145, 196, 184**, and **43, 92, 82** is the 20% darker color. If you saturate the color by 10%, you get **79, 142, 128**, and if you desaturate by 10%, it is **107, 142, 134**.

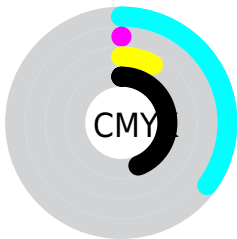
Distribution



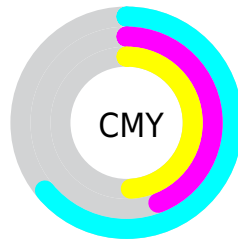
- Red (36%)
- Green (56%)
- Blue (51%)



- Red (36%)
- Yellow (47%)
- Blue (56%)



- Cyan (35%)
- Magenta (0%)
- Yellow (8%)
- Black (44%)





- Cyan (64%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the RGB color 93, 142, 131 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, 142, 131 by changing the saturation by 10% instead.

 93, 142, 131

 93, 142, 131

255, 255, 255

 68, 116, 106

 145, 196, 184

 43, 92, 82

 172, 224, 212

 17, 68, 59


 200, 253, 240


 0, 45, 37


 228, 255, 255


 0, 26, 16


 0, 0, 0


 93, 142, 131

 93, 142, 131

 79, 142, 128

 107, 142, 134

 65, 142, 125

 121, 142, 137

■ 50, 142, 121

■ 136, 142, 141

■ 36, 142, 118

■ 150, 142, 144

■ 22, 142, 115

■ 164, 142, 147

■ 8, 142, 112

■ 178, 142, 150

■ 0, 142, 110

■ 192, 142, 153

■ 207, 142, 157

■ 221, 142, 160

Harmonies

Analogous

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



109, 140, 115



93, 142, 131



85, 142, 148

Triad

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



93, 142, 131



134, 129, 162



160, 126, 105

Complementary

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



93, 142, 131



142, 93, 104

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.



166, 122, 118



93, 142, 131



153, 124, 150

Square

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



93, 142, 131



111, 134, 165



164, 121, 134



146, 131, 100

Rectangle

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



93, 142, 131



88, 140, 157



164, 121, 134



163, 124, 109

Sweetspot

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



93, 142, 131



165, 184, 179



104, 142, 93



81, 92, 89



219, 219, 219



92, 92, 92

Same Dimension

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



93, 142, 131



108, 184, 167



93, 129, 142



64, 71, 70



0, 135, 105



0, 8, 6

Inverse Universe

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



142, 93, 104



184, 108, 125



142, 106, 93



71, 64, 66



135, 0, 30



8, 0, 2

Previews

White Background



This preview shows how the RGB color 93, 142, 131 looks on a white background.

Color Contrast Check

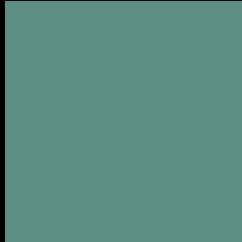
Large Text (above 18pt) WCAG AA ✓ Pass

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, 142, 131 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, 142, 131 Background



This preview shows how black text looks on a background with the RGB color 93, 142, 131.



This preview shows how white text looks on a background with the RGB color 93, 142, 131.

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](#).

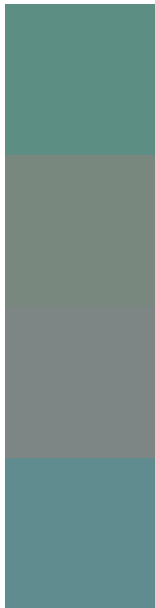
Dichromacy





Tritanopia
98, 139, 150

Trichromacy



Original Color
93, 142, 131

Protanomaly
120, 136, 127

Deuteranomaly
125, 133, 133

Tritanomaly
96, 140, 143

Monochromacy



Original Color
93, 142, 131

Achromatopsia
126, 126, 126

Achromatomaly
114, 132, 128

CSS Examples

Text

The CSS property to change the color of the text to RGB 93, 142, 131 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, 142, 131) looks like.

```
.text, #text, p{  
    color:rgb(93, 142, 131)  
}
```

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, 142, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 142, 131) }
```

Border

The CSS property to change the border of an element to RGB 93, 142, 131 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, 142, 131) }
```

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

```
.border{ border-color:rgb(93, 142, 131) }
```

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

Here you see how a box with a 4 pixel rgb(93, 142, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 142, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 142, 131);  
box-shadow:4px 4px 4px 4px rgb(93, 142,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 93, 142, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 142, 131) }
```

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

```
.background{ background-color: rgb(93, 142,  
131) }
```

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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