

Converting Colors

RGB(93, 154, 150)

Have a look what the booklet for
RGB(93, 154, 150) contains.

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Color

RGB(93, 154, 150)

Conversions

Conversions Part 1

Format	Color
Hex	5D9A96
RGB	93, 154, 150
RGB Percent	36%, 60%, 59%
CMY	0.6353, 0.3961, 0.4118
CMYK	0.40, 0.00, 0.03, 0.40
HSL	176°, 25%, 48%
HSV	176°, 40%, 60%
XYZ	21.5748, 27.6404, 33.0522
YIQ	135.3050, -35.0720, -14.1760

Conversions

Conversions Part 2

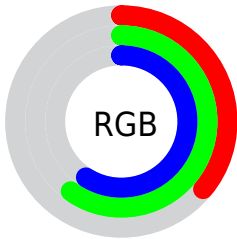
Format	Color
R_{YB}	93, 125, 154
Decimal	6134422
CIE _{Lab}	59.56, -20.70, -4.13
CIE _{LCh}	60, 21.104, 191.295
Yxy	27.6404, 0.2623, 0.3360
Android (android.graphics.Color)	4284324502 (0xFF5D9A96)
YUV	135.3050, 7.2446, -37.1015
Hunter-Lab	52.5741, -18.7537, -0.4724

Details

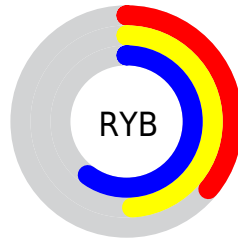
The RGB color `93, 154, 150` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `154, 93, 97`, and the grayscale version is `135, 135, 135`.

A 20% lighter version of the original color is `146, 209, 204`, and `40, 103, 99` is the 20% darker color. If you saturate the color by 10%, you get `78, 154, 149`, and if you desaturate by 10%, it is `108, 154, 151`.

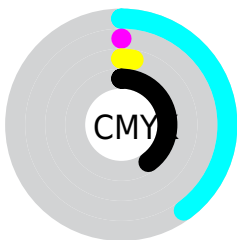
Distribution



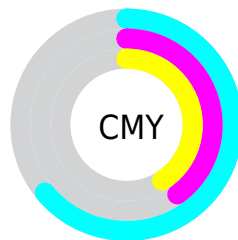
- Red (36%)
- Green (60%)
- Blue (59%)



- Red (36%)
- Yellow (49%)
- Blue (60%)



- Cyan (40%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)




- Cyan (64%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 93, 154, 150 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, 154, 150 by changing the saturation by 10% instead.

 93, 154, 150


255, 255, 255


 146, 209, 204


 174, 237, 232

 202, 255, 255

 231, 255, 255

 93, 154, 150

 67, 128, 124

 40, 103, 99


 7, 78, 75


 0, 55, 53


 0, 34, 32

 0, 0, 8

 0, 0, 0

 93, 154, 150

 78, 154, 149

 93, 154, 150

 108, 154, 151

■ 62, 154, 148

■ 124, 154, 152

■ 47, 154, 147

■ 139, 154, 153

■ 31, 154, 146

■ 155, 154, 154

■ 16, 154, 145

■ 170, 154, 155

■ 1, 154, 144

■ 185, 154, 156

■ 0, 154, 144

■ 201, 154, 157

■ 216, 154, 158

■ 232, 154, 159

Harmonies

Analogous

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



108, 153, 131



93, 154, 150



91, 153, 167

Triad

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



93, 154, 150



155, 136, 171



168, 138, 109

Complementary

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



93, 154, 150



154, 93, 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.



179, 133, 120



93, 154, 150



173, 131, 156

Square

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



93, 154, 150



131, 143, 180



181, 130, 137



150, 144, 107

Rectangle

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



93, 154, 150



99, 150, 175



181, 130, 137



172, 136, 112

Sweetspot

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



93, 154, 150



177, 201, 200



97, 154, 93



88, 102, 101



230, 230, 230



102, 102, 102

Same Dimension

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



93, 154, 150



105, 201, 195



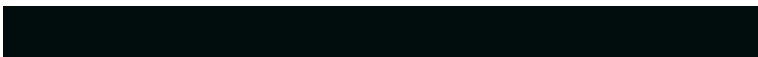
93, 128, 154



69, 77, 76



0, 140, 131



0, 13, 12

Inverse Universe

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



154, 93, 97



201, 105, 111



154, 119, 93



77, 69, 69



140, 0, 9



13, 0, 1

Previews

White Background



This preview shows how the RGB color 93, 154, 150 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, 154, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

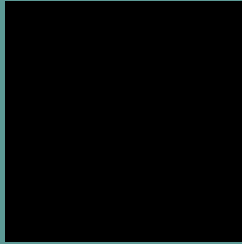
Any Text WCAG AA ✓ Pass

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, 154, 150 Background



This preview shows how black text looks on a background with the RGB color 93, 154, 150.

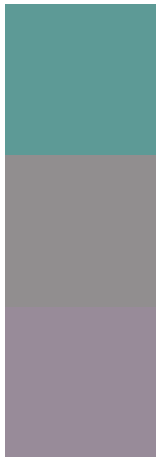


This preview shows how white text looks on a background with the RGB color 93, 154, 150.

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
93, 154, 150

Protanopia
145, 142, 143

Deuteranopia
152, 139, 153



Tritanopia

97, 152, 164

Trichromacy



Original Color
93, 154, 150

Protanomaly
126, 146, 146

Deuteranomaly
131, 144, 152

Tritanomaly
96, 153, 159

Monochromacy



Original Color
93, 154, 150

Achromatopsia
135, 135, 135

Achromatomaly
120, 142, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 93, 154, 150 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, 154, 150)` looks like.

```
.text, #text, p{  
    color:rgb(93, 154, 150)  
}
```

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, 154, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 154, 150) }
```

Border

The CSS property to change the border of an element to RGB 93, 154, 150 is called "border". The border property can be set on classes, ids or directly on the HTML element.

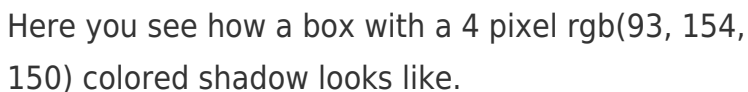
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(93, 154, 150) }
```

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

```
.border{ border-color:rgb(93, 154, 150) }
```

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



Here you see how a box with a 4 pixel `rgb(93, 154, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 154, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 154, 150);  
box-shadow:4px 4px 4px 4px rgb(93, 154,  
150) }
```

Background

The CSS property to change the background color of an element to RGB 93, 154, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 154, 150) }
```

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

```
.background{ background-color: rgb(93, 154,  
150) }
```

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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