

Converting Colors

RGB(95, 180, 143)

Have a look what the booklet for
RGB(95, 180, 143) contains.

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Color

RGB(95, 180, 143)

Conversions

Conversions Part 1

Format	Color
Hex	5FB48F
RGB	95, 180, 143
RGB Percent	37%, 71%, 56%
CMY	0.6275, 0.2941, 0.4392
CMYK	0.47, 0.00, 0.21, 0.29
HSL	154°, 36%, 54%
HSV	154°, 47%, 71%
XYZ	25.9985, 37.0586, 31.7694
YIQ	150.3670, -38.7830, -29.5270

Conversions

Conversions Part 2

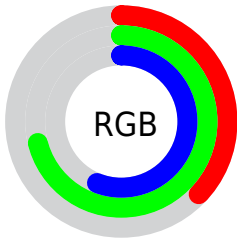
Format	Color
RYB	95, 149, 180
Decimal	6272143
CIELab	67.32, -34.57, 11.01
CIELCh	67, 36.283, 162.343
Yxy	37.0586, 0.2742, 0.3908
Android (android.graphics.Color)	4284462223 (0xFF5FB48F)
YUV	150.3670, -3.6319, -48.5569
Hunter-Lab	60.8758, -30.2997, 11.6712

Details

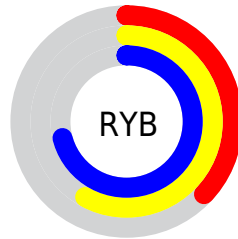
The RGB color **95, 180, 143** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **180, 95, 132**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **150, 236, 197**, and **38, 127, 93** is the 20% darker color. If you saturate the color by 10%, you get **77, 180, 135**, and if you desaturate by 10%, it is **113, 180, 151**.

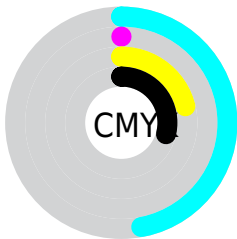
Distribution



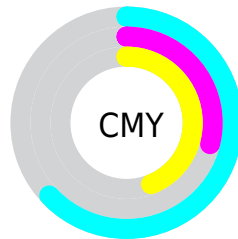
- Red (37%)
- Green (71%)
- Blue (56%)



- Red (37%)
- Yellow (58%)
- Blue (71%)



- Cyan (47%)
- Magenta (0%)
- Yellow (21%)
- Black (29%)




- Cyan (63%)
- Magenta (29%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 95, 180, 143 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 95, 180, 143 by changing the saturation by 10% instead.

 95, 180, 143


255, 255, 255


 150, 236, 197

 178, 255, 225

 207, 255, 253

 236, 255, 255

 95, 180, 143

 67, 153, 117


 38, 127, 93


 0, 101, 69


 0, 76, 47


 0, 53, 26

 0, 33, 0


 0, 0, 0


 95, 180, 143


 77, 180, 135


 95, 180, 143


 113, 180, 151

 59, 180, 127

 131, 180, 159

 41, 180, 119

 149, 180, 167

 23, 180, 112


 167, 180, 174

 5, 180, 104

 185, 180, 182

 0, 180, 102

 203, 180, 190

 221, 180, 198

 239, 180, 206

 255, 180, 214

Harmonies

Analogous

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



136, 175, 114



95, 180, 143



49, 181, 177

Triad

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



95, 180, 143



139, 162, 227



222, 145, 121

Complementary

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



95, 180, 143



180, 95, 132

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.



228, 139, 151



95, 180, 143



185, 151, 212

Square

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



95, 180, 143



83, 173, 226



216, 141, 185



202, 155, 102

Rectangle

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



95, 180, 143



25, 180, 198



216, 141, 185



226, 142, 131

Sweetspot

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



95, 180, 143



202, 235, 220



133, 180, 95



97, 117, 109



245, 245, 245



117, 117, 117

Same Dimension

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



95, 180, 143



101, 235, 176



95, 176, 180



80, 89, 85



0, 153, 86



0, 26, 14

Inverse Universe

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



180, 95, 132



235, 101, 159



180, 99, 95



89, 80, 84



153, 0, 67



26, 0, 11

Previews

White Background



This preview shows how the RGB color 95, 180, 143 looks on a white background.

Color Contrast Check

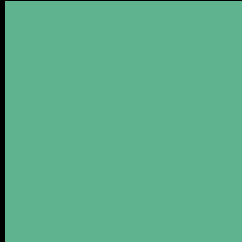
Large Text (above 18pt) WCAG AA × Fail

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 95, 180, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

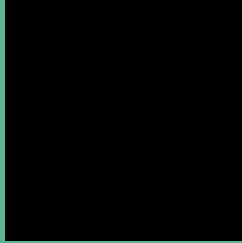
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RGB 95, 180, 143 Background



This preview shows how black text looks on a background with the RGB color 95, 180, 143.

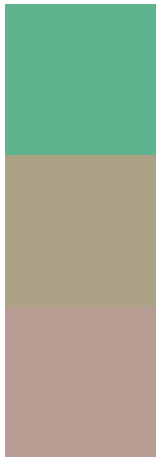


This preview shows how white text looks on a background with the RGB color 95, 180, 143.

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
95, 180, 143

Protanopia
172, 163, 134

Deuteranopia
184, 157, 148



Tritanopia
107, 174, 188

Trichromacy



Original Color

95, 180, 143



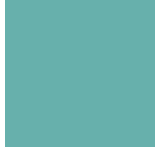
Protanomaly

144, 169, 137



Deuteranomaly

152, 165, 146



Tritanomaly

103, 176, 172

Monochromacy



Original Color

95, 180, 143



Achromatopsia

150, 150, 150



Achromatomaly

130, 161, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 95, 180, 143 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(95, 180, 143)` looks like.

```
.text, #text, p{  
    color:rgb(95, 180, 143)  
}
```

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(95, 180, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 180, 143) }
```

Border

The CSS property to change the border of an element to RGB 95, 180, 143 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(95, 180, 143) }
```

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

```
.border{ border-color:rgb(95, 180, 143) }
```

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

Here you see how a box with a 4 pixel rgb(95, 180, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 180, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 180, 143);  
box-shadow:4px 4px 4px 4px rgb(95, 180,  
143) }
```

Background

The CSS property to change the background color of an element to RGB 95, 180, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 180, 143) }
```

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

```
.background{ background-color: rgb(95, 180,  
143) }
```

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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