Converting Colors

RGB(94, 204, 148)

Have a look what the booklet for RGB(94, 204, 148) contains.

Color

RGB(94, 204, 148)

Conversions

Conversions Part 1

Format	Color
Hex	5ECC94
RGB	94, 204, 148
RGB Percent	37%, 80%, 58%
CMY	0.6314, 0.2000, 0.4196
CMYK	0.54, 0.00, 0.27, 0.20
HSL	149°, 52%, 58%
HSV	149°, 54%, 80%
XYZ	31.5543, 47.7035, 35.5616
YIQ	164.7260, -47.5840, -40.7360

Conversions

Conversions Part 2

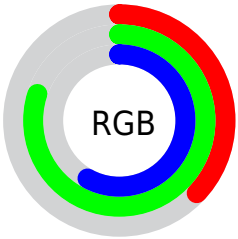
Format	Color
RYB	94, 168, 204
Decimal	6212756
CIELab	74.64, -44.47, 18.54
CIELCh	75, 48.176, 157.368
Yxy	47.7035, 0.2748, 0.4155
Android (android.graphics.Color)	4284402836 (0xFF5ECC94)
YUV	164.7260, -8.2459, -62.0267
Hunter-Lab	69.0677, -39.3191, 17.8202

Details

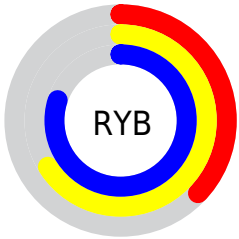
The RGB color 94, 204, 148 is a dark color, and the websafe version is hex 66CC99. The color can be described as middle muted spring green. A complement of this color would be 204, 94, 150, and the grayscale version is 165, 165, 165.

A 20% lighter version of the original color is 152, 255, 202, and 28, 149, 97 is the 20% darker color. If you saturate the color by 10%, you get 74, 204, 138, and if you desaturate by 10%, it is 114, 204, 158.

Distribution

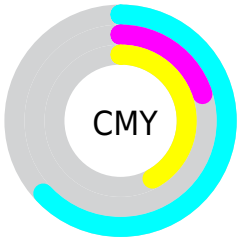


- Red (37%)
- Green (80%)
- Blue (58%)



- Red (37%)
- Yellow (66%)
- Blue (80%)

- Cyan (54%)
- Magenta (0%)
- Yellow (27%)
- Black (20%)



- Cyan (63%)
- Magenta (20%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 94, 204, 148 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 94, 204, 148 by changing the saturation by 10% instead.

94, 204, 148

255, 255, 255

152, 255, 202

180, 255, 230

210, 255, 255

239, 255, 255

94, 204, 148

64, 176, 122

28, 149, 97

0, 123, 73

0, 97, 50

0, 72, 28

0, 49, 5

0, 25, 0

0, 0, 0

94, 204, 148

94, 204, 148

74, 204, 138

53, 204, 127

33, 204, 117

12, 204, 106

0, 204, 100

114, 204, 158

135, 204, 169

155, 204, 179

176, 204, 190

196, 204, 200

216, 204, 210

237, 204, 221

255, 204, 231

255, 204, 241

Harmonies

Analogous

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

153, 197, 111

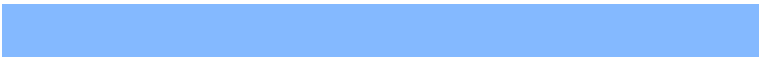
94, 204, 148

0, 207, 194

Triad

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

94, 204, 148



132, 185, 255

255, 154, 132

Complementary

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

94, 204, 148

204, 94, 150

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.

255, 147, 174

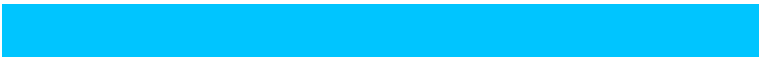
94, 204, 148

202, 168, 254

Square

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

94, 204, 148



0, 197, 255

248, 153, 219

239, 169, 102

Rectangle

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

94, 204, 148

0, 206, 223

248, 153, 219

255, 151, 145

Sweetspot

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

94, 204, 148

214, 255, 234

151, 204, 94

103, 128, 115

0, 0, 0

128, 128, 128

Same Dimension

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

94, 204, 148

89, 255, 171

94, 204, 202

92, 102, 97

0, 166, 81

0, 38, 19

Inverse Universe

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

204, 94, 150

255, 89, 174

204, 94, 96

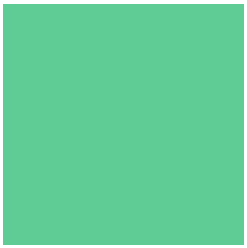
102, 92, 97

166, 0, 84

38, 0, 19

Previews

White Background

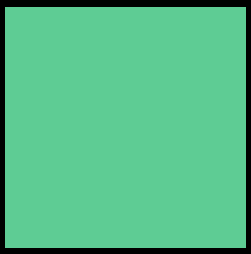


This preview shows how the RGB color 94, 204, 148 looks on a white background.

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 94, 204, 148 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 94, 204, 148 Background

This preview shows how black text looks on a background with the RGB color 94, 204, 148.

This preview shows how white text looks on a background with the RGB color 94, 204, 148.

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

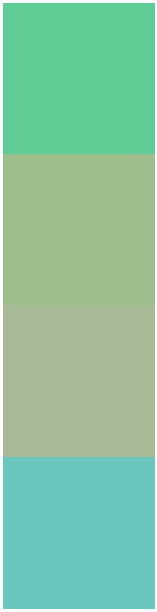
Original Color
94, 204, 148

Protanopia
195, 182, 138

Deuteranopia
210, 175, 154

Tritanopia
112, 196, 212

Trichromacy



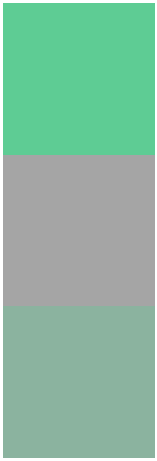
Original Color
94, 204, 148

Protanomaly
158, 190, 142

Deuteranomaly
168, 186, 152

Tritanomaly
105, 199, 189

Monochromacy



Original Color
94, 204, 148

Achromatopsia
165, 165, 165

Achromatomaly
139, 179, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 94, 204, 148 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(94, 204, 148) looks like.

```
.text, #text, p{
    color:rgb(94, 204, 148)
}
```

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(94, 204, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 204, 148) }
```

Border

The CSS property to change the border of an element to RGB 94, 204, 148 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(94, 204, 148) }
```

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

```
.border{ border-color:rgb(94, 204, 148) }
```

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

Here you see how a box with a 4 pixel rgb(94, 204, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(94, 204, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(94, 204, 148); box-shadow:4px 4px 4px 4px rgb(94, 204, 148) }
```

Background

The CSS property to change the background color of an element to RGB 94, 204, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(94, 204, 148) }
```

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

```
.background{ background-color:rgb(94, 204,
148) }
```

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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