

Converting Colors

RGB(90, 205, 98)

Have a look what the booklet for
RGB(90, 205, 98) contains.

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Color

RGB(90, 205, 98)

Conversions

Conversions Part 1

Format	Color
Hex	5ACD62
RGB	90, 205, 98
RGB Percent	35%, 80%, 38%
CMY	0.6471, 0.1961, 0.6157
CMYK	0.56, 0.00, 0.52, 0.20
HSL	124°, 53%, 58%
HSV	124°, 56%, 80%
XYZ	28.2524, 46.7181, 19.0837
YIQ	158.4170, -34.1930, -57.6570

Conversions

Conversions Part 2

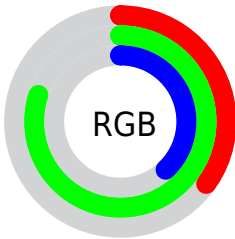
Format	Color
RYB	90, 198, 205
Decimal	5950818
CIELab	74.01, -54.28, 43.26
CIELCh	74, 69.412, 141.445
Yxy	46.7181, 0.3004, 0.4967
Android (android.graphics.Color)	4284140898 (0xFF5ACD62)
YUV	158.4170, -29.7856, -60.0017
Hunter-Lab	68.3507, -45.8317, 31.2915

Details

The RGB color **90, 205, 98** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **205, 90, 197**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **149, 255, 151**, and **13, 150, 47** is the 20% darker color. If you saturate the color by 10%, you get **70, 205, 79**, and if you desaturate by 10%, it is **111, 205, 117**.

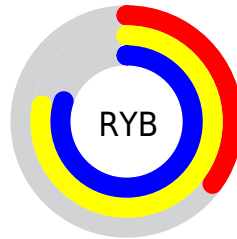
Distribution



Red (35%)

Green (80%)

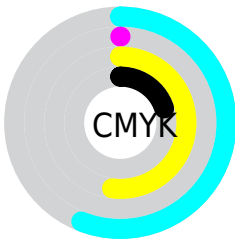
Blue (38%)



Red (35%)

Yellow (78%)

Blue (80%)

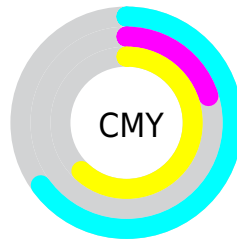


Cyan (56%)

Magenta (0%)

Yellow (52%)

Black (20%)



Cyan (65%)

Magenta (20%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the RGB color 90, 205, 98 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 90, 205, 98 by changing the saturation by 10% instead.



90, 205, 98



90, 205, 98

255, 255, 255



58, 177, 72



149, 255, 151



13, 150, 47



178, 255, 178



0, 123, 20



208, 255, 206



0, 97, 0



238, 255, 235



0, 72, 0



0, 49, 0



0, 23, 0



0, 0, 0



90, 205, 98




90, 205, 98

 70, 205, 79

 111, 205, 117

 49, 205, 60

 131, 205, 136

 29, 205, 41

 152, 205, 155

 8, 205, 22

 172, 205, 174

 0, 205, 14

 193, 205, 193

 213, 205, 212

 234, 205, 232

 254, 205, 251

 255, 205, 255

Harmonies

Analogous

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



171, 192, 50



90, 205, 98



0, 211, 161

Triad

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



90, 205, 98



0, 195, 255



255, 125, 139

Complementary

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



90, 205, 98



205, 90, 197

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, 124, 203



90, 205, 98



149, 173, 255

Square

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



90, 205, 98



0, 207, 255



241, 145, 255



255, 147, 83

Rectangle

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



90, 205, 98



0, 213, 205



241, 145, 255



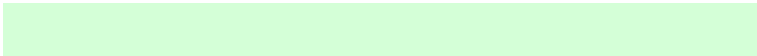
255, 122, 160

Sweetspot

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



90, 205, 98



212, 255, 215



197, 205, 90



102, 128, 104



0, 0, 0



128, 128, 128

Same Dimension

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



90, 205, 98



84, 255, 96



90, 205, 155



92, 102, 93



0, 166, 12



0, 38, 3

Inverse Universe

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



205, 90, 197



255, 84, 243



205, 90, 140



102, 92, 101



166, 0, 154



38, 0, 36

Previews

White Background



This preview shows how the RGB color 90, 205, 98 looks on a white background.

Color Contrast Check

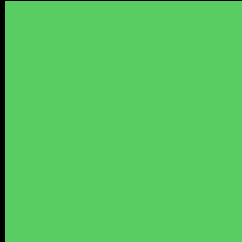
Large Text (above 18pt) WCAG AA × Fail

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 90, 205, 98 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

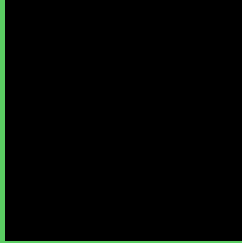
Any Text WCAG AA ✓ Pass

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 90, 205, 98 Background



This preview shows how black text looks on a background with the RGB color 90, 205, 98.

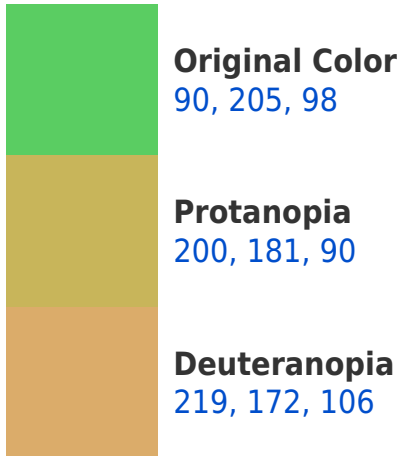


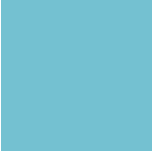
This preview shows how white text looks on a background with the RGB color 90, 205, 98.

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
116, 193, 209

Trichromacy



Original Color

90, 205, 98



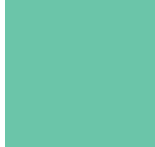
Protanomaly

160, 190, 93



Deuteranomaly

172, 184, 103



Tritanomaly

107, 197, 169

Monochromacy



Original Color

90, 205, 98



Achromatopsia

158, 158, 158



Achromatomaly

133, 175, 136

CSS Examples

Text

The CSS property to change the color of the text to RGB 90, 205, 98 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(90, 205, 98)` looks like.

```
.text, #text, p{  
    color:rgb(90, 205, 98)  
}
```

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(90, 205, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 205, 98) }
```

Border

The CSS property to change the border of an element to RGB 90, 205, 98 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(90, 205, 98) }
```

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

```
.border{ border-color:rgb(90, 205, 98) }
```

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

Here you see how a box with a 4 pixel rgb(90, 205, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 205, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 205, 98);  
box-shadow:4px 4px 4px 4px rgb(90, 205,  
98) }
```

Background

The CSS property to change the background color of an element to RGB 90, 205, 98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 205, 98) }
```

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

```
.background{ background-color: rgb(90, 205,  
98) }
```

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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