

Converting Colors

RGB(154, 195, 120)

Have a look what the booklet for
RGB(154, 195, 120) contains.

RGB(154, 195, 120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(154, 195, 120)

Conversions

Conversions Part 1

Format	Color
Hex	9AC378
RGB	154, 195, 120
RGB Percent	60%, 76%, 47%
CMY	0.3961, 0.2353, 0.5294
CMYK	0.21, 0.00, 0.38, 0.24
HSL	93°, 38%, 62%
HSV	93°, 38%, 76%
XYZ	36.2317, 47.2563, 24.9811
YIQ	174.1910, -0.3610, -32.0170

Conversions

Conversions Part 2

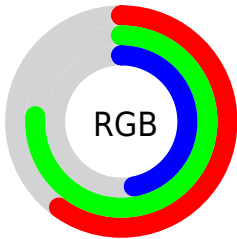
Format	Color
RYB	120, 195, 161
Decimal	10142584
CIELab	74.35, -26.92, 33.34
CIELCh	74, 42.853, 128.911
Yxy	47.2563, 0.3340, 0.4357
Android (android.graphics.Color)	4288332664 (0xFF9AC378)
YUV	174.1910, -26.7162, -17.7075
Hunter-Lab	68.7432, -26.2207, 26.5745

Details

The RGB color **154, 195, 120** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **161, 120, 195**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **209, 252, 173**, and **101, 141, 70** is the 20% darker color. If you saturate the color by 10%, you get **143, 195, 100**, and if you desaturate by 10%, it is **165, 195, 139**.

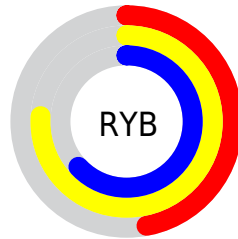
Distribution



Red (60%)

Green (76%)

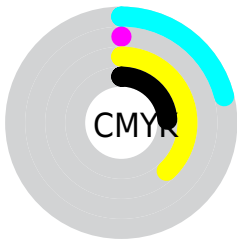
Blue (47%)



Red (47%)

Yellow (76%)

Blue (63%)

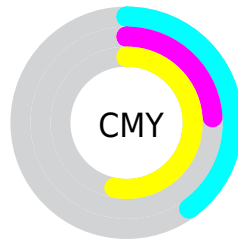


Cyan (21%)

Magenta (0%)

Yellow (38%)

Black (24%)



Cyan (40%)


Magenta (24%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 154, 195, 120 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 154, 195, 120 by changing the saturation by 10% instead.


 154, 195, 120

255, 255, 255


 209, 252, 173

 238, 255, 201


 255, 255, 229

 154, 195, 120

 127, 168, 95

 101, 141, 70

 76, 115, 46


 51, 91, 22

 26, 67, 0

 0, 44, 0

 0, 24, 0


 0, 0, 0

 154, 195, 120


 154, 195, 120

 143, 195, 100


 165, 195, 139

 133, 195, 81


 175, 195, 159


 122, 195, 62


 186, 195, 179

 111, 195, 42

 197, 195, 198

 101, 195, 23

 207, 195, 218


 90, 195, 3

 218, 195, 237

 88, 195, 0

 229, 195, 255

 239, 195, 255

 250, 195, 255

Harmonies

Analogous

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



197, 184, 104



154, 195, 120



104, 202, 153

Triad

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



154, 195, 120



66, 195, 255



255, 152, 172

Complementary

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



154, 195, 120



161, 120, 195

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.



242, 156, 212



154, 195, 120



144, 183, 255

Square

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



154, 195, 120



0, 202, 231



202, 168, 244



254, 158, 135

Rectangle

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



154, 195, 120



61, 204, 180



202, 168, 244



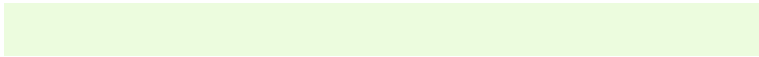
255, 152, 186

Sweetspot

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



154, 195, 120



236, 252, 222



195, 160, 120



118, 128, 110



0, 0, 0



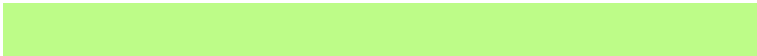
128, 128, 128

Same Dimension

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



154, 195, 120



189, 252, 136



120, 195, 122



92, 97, 87



73, 161, 0



15, 33, 0

Inverse Universe

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



161, 120, 195



200, 136, 252



195, 120, 193



93, 87, 97



88, 0, 161



18, 0, 33

Previews

White Background



This preview shows how the RGB color 154, 195, 120 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 154, 195, 120 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 154, 195, 120 Background



This preview shows how black text looks on a background with the RGB color 154, 195, 120.

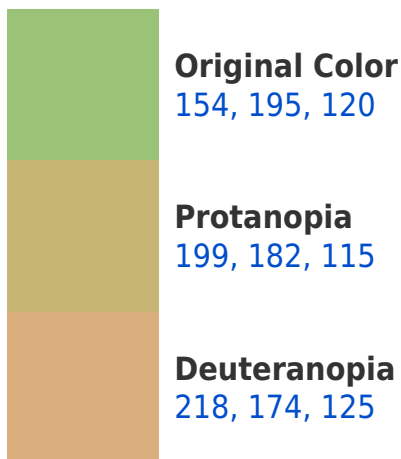


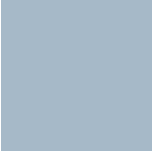
This preview shows how white text looks on a background with the RGB color 154, 195, 120.

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
166, 185, 200

Trichromacy



Original Color
154, 195, 120

Protanomaly
183, 187, 117

Deuteranomaly
195, 182, 123

Tritanomaly
162, 189, 171

Monochromacy



Original Color
154, 195, 120

Achromatopsia
174, 174, 174

Achromatomaly
167, 182, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 154, 195, 120 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(154, 195, 120)` looks like.

```
.text, #text, p{  
    color:rgb(154, 195, 120)  
}
```

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(154, 195, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 195, 120) }
```

Border

The CSS property to change the border of an element to RGB 154, 195, 120 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(154, 195, 120) }
```

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

```
.border{ border-color:rgb(154, 195, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 195, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 195, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 195, 120);  
box-shadow:4px 4px 4px 4px rgb(154, 195,  
120) }
```

Background

The CSS property to change the background color of an element to RGB 154, 195, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 195, 120) }
```

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

```
.background{ background-color: rgb(154,  
195, 120) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor