

# Converting Colors

Hex(55C94F)

Have a look what the booklet for  
Hex(55C94F) contains.

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**Color**

**Hex(55C94F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55C94F
RGB	85, 201, 79
RGB Percent	33%, 79%, 31%
CMY	0.6667, 0.2118, 0.6902
CMYK	0.58, 0.00, 0.61, 0.21
HSL	117°, 53%, 55%
HSV	117°, 61%, 79%
XYZ	26.0442, 44.2691, 14.5693
YIQ	152.4080, -29.9740, -62.5340

# Conversions

## Conversions Part 2

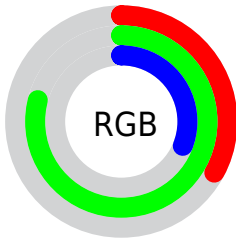
Format	Color
<a href="#">RYB</a>	<a href="#">79, 201, 195</a>
Decimal	<a href="#">5622095</a>
CIELab	<a href="#">72.41, -56.31, 50.13</a>
CIELCh	<a href="#">72, 75.393, 138.322</a>
Yxy	<a href="#">44.2691, 0.3068, 0.5215</a>
Android (android.graphics.Color)	<a href="#">4283812175 (0xFF55C94F)</a>
YUV	<a href="#">152.4080, -36.1901, -59.1168</a>
Hunter-Lab	<a href="#">66.5350, -46.5649, 33.5917</a>

# Details

The Hex color **55C94F** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **C34FC9**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **91FF84**, and **009217** is the 20% darker color. If you saturate the color by 10%, you get **42C93B**, and if you desaturate by 10%, it is **68C963**.

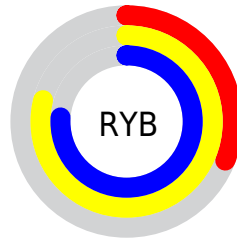
# Distribution



Red (33%)

Green (79%)

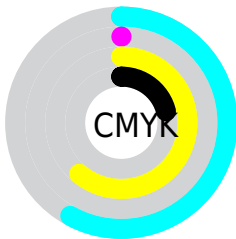
Blue (31%)



Red (31%)

Yellow (79%)

Blue (76%)

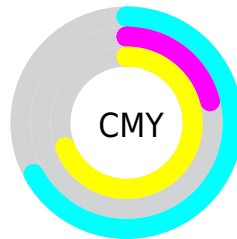


Cyan (58%)

Magenta (0%)

Yellow (61%)

Black (21%)



Cyan (67%)

Magenta (21%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55C94F 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 Hex color 55C94F by changing the saturation by 10% instead.



 55C94F

 55C94F

FFFFFF

 34AD35

 91FF84

 009217

 AEFF9F

 007700

 CCFFBB

 005D00

 EAFFD8

 004400

 FFFFF5

 002E00

 001000

 000000

 55C94F

 55C94F

 42C93B

 68C963

 2FC927

 7BC977

 1CC913

 8EC98B

 0AC900

 A1C99F

 B5C9B4

 C8C9C8

 DBC9DC

 EEC9F0

 FFC9FF

# Harmonies

## Analogous

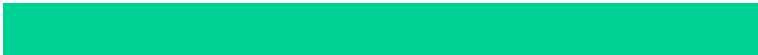
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ABBB10



55C94F



00D093

# Triad

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



55C94F



00C1FF



FF6F8A

# Complementary

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



55C94F



C34FC9

# Split Complementary

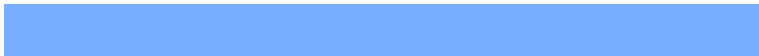
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF70D0



55C94F



79ABFF

# Square

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



55C94F



00CEFF



E98CFF



FF884C

# Rectangle

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



55C94F



00D2C3



E98CFF



FF6CA1

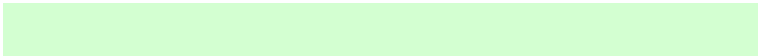


# Sweetspot

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



55C94F



D3FFD1



C9C34F



658063



000000



808080



# Same Dimension

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



55C94F



4EFF45



4FC986



5A635A



08A300



022400



# Inverse Universe

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



C34FC9



F645FF



C94F92



635A63



9B00A3



220024



# Previews

## White Background



This preview shows how the Hex color 55C94F looks on a white background.

## Color Contrast Check

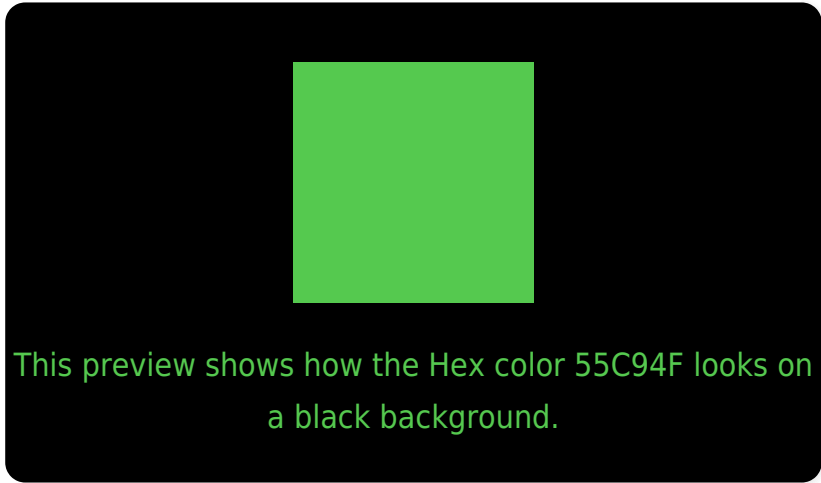
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

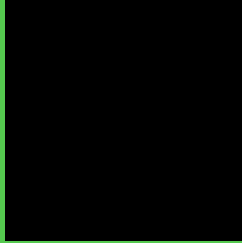
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 55C94F Background



This preview shows how black text looks on a background with the Hex color 55C94F.

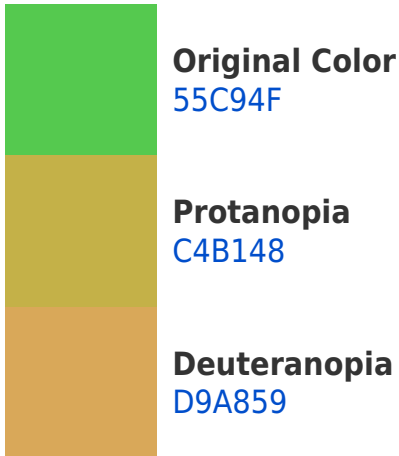


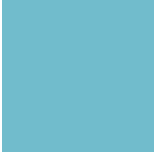
This preview shows how white text looks on a background with the Hex color 55C94F.

# 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





# Trichromacy



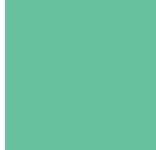
**Original Color**  
55C94F



**Protanomaly**  
9CBA4B



**Deuteranomaly**  
A9B455

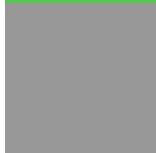


**Tritanomaly**  
67C19F

# Monochromacy



**Original Color**  
55C94F



**Achromatopsia**  
989898



**Achromatomaly**  
80AA7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55C94F 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 #55C94F looks like.

```
.text, #text, p{  
    color:#55C94F  
}
```

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 #55C94F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55C94F
}
```

## Border

The CSS property to change the border of an element to Hex 55C94F 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
#55C94F }
```

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

```
.border{ border-color:#55C94F }
```

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

Here you see how a box with a 4 pixel #55C94F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55C94F; -webkit-box-shadow:4px 4px  
4px 4px #55C94F; box-shadow:4px 4px 4px  
4px #55C94F }
```

# Background

The CSS property to change the background color of an element to Hex 55C94F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55C94F }
```

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

```
.background{ background-color:#55C94F }
```

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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