

Converting Colors

Hex(3F9D54)

Have a look what the booklet for
Hex(3F9D54) contains.

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Color

Hex(3F9D54)

Conversions

Conversions Part 1

Format	Color
Hex	3F9D54
RGB	63, 157, 84
RGB Percent	25%, 62%, 33%
CMY	0.7529, 0.3843, 0.6706
CMYK	0.60, 0.00, 0.46, 0.38
HSL	133°, 43%, 43%
HSV	133°, 60%, 62%
XYZ	15.7071, 25.8108, 12.5416
YIQ	120.5720, -32.5910, -42.6310

Conversions

Conversions Part 2

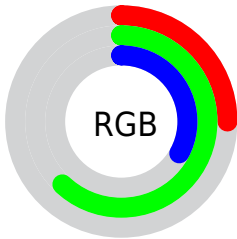
Format	Color
RYB	63, 140, 157
Decimal	4169044
CIELab	57.86, -43.97, 30.03
CIELCh	58, 53.243, 145.668
Yxy	25.8108, 0.2906, 0.4775
Android (android.graphics.Color)	4282359124 (0xFF3F9D54)
YUV	120.5720, -18.0300, -50.4906
Hunter-Lab	50.8043, -33.7210, 20.9266

Details

The Hex color **3F9D54** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9D3F88**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **77D487**, and **006925** is the 20% darker color. If you saturate the color by 10%, you get **2F9D48**, and if you desaturate by 10%, it is **4F9D60**.

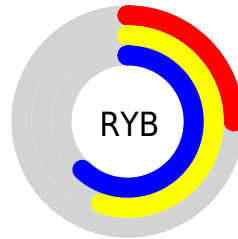
Distribution



Red (25%)

Green (62%)

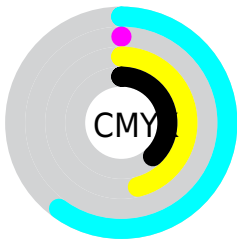
Blue (33%)



Red (25%)

Yellow (55%)

Blue (62%)

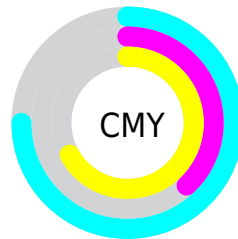


Cyan (60%)

Magenta (0%)

Yellow (46%)

Black (38%)



Cyan (75%)

Magenta (38%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F9D54 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 3F9D54 by changing the saturation by 10% instead.



3F9D54



3F9D54

FFFFFF



1F823C



77D487



006925



93F1A1



00500D



B0FFBD



003700



CCFFD9



002200



EAFFF5



000000



3F9D54



3F9D54



2F9D48



4F9D60



209D3C



5E9D6C

 109D2F

 6E9D79

 009D23

 7E9D85

 8E9D91

 9D9D9D

 AD9DA9

 BD9DB6

 CC9DC2

Harmonies

Analogous

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



7D9430



3F9D54



00A182

Triad

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



3F9D54



0092E8



DF6465

Complementary

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



3F9D54



9D3F88

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.



DC6194



3F9D54



8182DF

Square

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



3F9D54



009DD7



BD6EC0



CC743E

Rectangle

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



3F9D54



00A2A3



BD6EC0



E16174

Sweetspot

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



3F9D54



A7CCAF



899D3F



506655



E6E6E6



666666

Same Dimension

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



3F9D54



39CC5A



3F9D82



474F49



008F20



000F03

Inverse Universe

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



9D3F88



CC39AB



9D3F5A



4F474D



8F006F



0F000C

Previews

White Background



This preview shows how the Hex color 3F9D54 looks on a white background.

Color Contrast Check

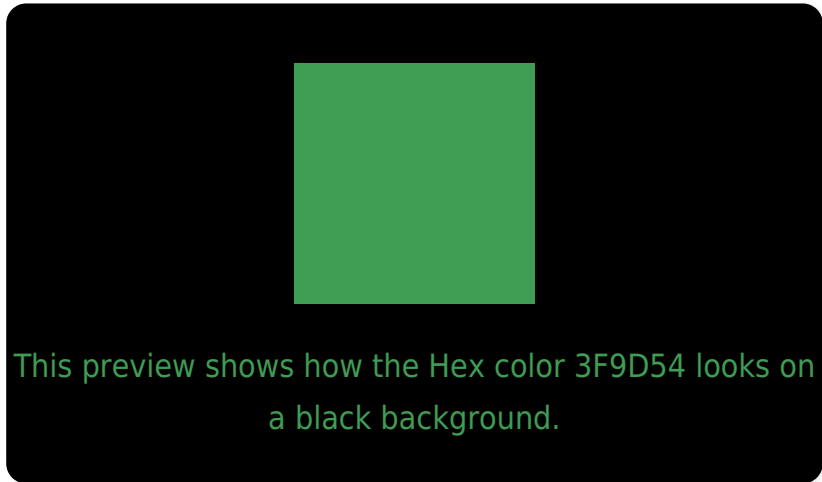
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 3F9D54 Background



This preview shows how black text looks on a background with the Hex color 3F9D54.

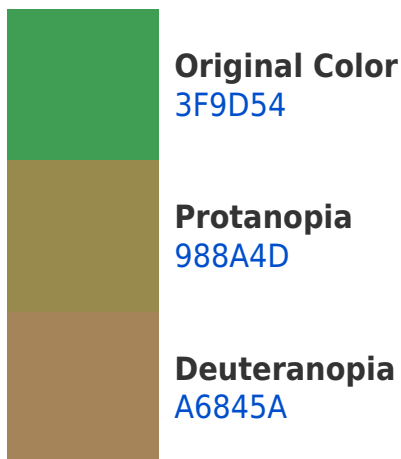


This preview shows how white text looks on a background with the Hex color 3F9D54.

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](#).

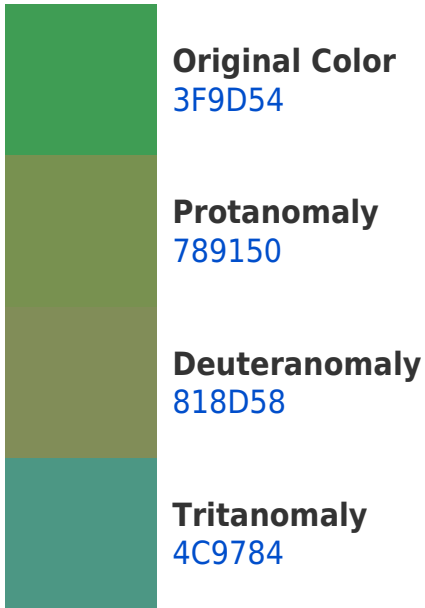
Dichromacy





Tritanopia
5494A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F9D54 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 #3F9D54 looks like.

```
.text, #text, p{  
    color:#3F9D54  
}
```

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 #3F9D54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F9D54
}
```

Border

The CSS property to change the border of an element to Hex 3F9D54 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
#3F9D54 }
```

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

```
.border{ border-color:#3F9D54 }
```

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

Here you see how a box with a 4 pixel #3F9D54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F9D54; -webkit-box-shadow:4px 4px  
4px 4px #3F9D54; box-shadow:4px 4px 4px  
4px #3F9D54 }
```

Background

The CSS property to change the background color of an element to Hex 3F9D54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F9D54 }
```

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

```
.background{ background-color:#3F9D54 }
```

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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