

# Converting Colors

Hex(3F9E50)

Have a look what the booklet for  
Hex(3F9E50) contains.

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# Color

Hex(3F9E50)

# Conversions

## Conversions Part 1

Format	Color
Hex	3F9E50
RGB	63, 158, 80
RGB Percent	25%, 62%, 31%
CMY	0.7529, 0.3804, 0.6863
CMYK	0.60, 0.00, 0.49, 0.38
HSL	131°, 43%, 43%
HSV	131°, 60%, 62%
XYZ	15.7247, 26.0897, 11.7964
YIQ	120.7030, -31.5820, -44.3980

# Conversions

## Conversions Part 2

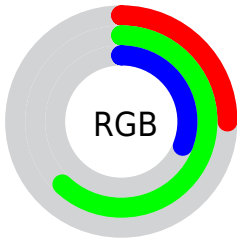
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 144, 158
Decimal	4169296
CIELab	58.12, -45.01, 32.45
CIELCh	58, 55.487, 144.206
Yxy	26.0897, 0.2933, 0.4866
Android (android.graphics.Color)	4282359376 (0xFF3F9E50)
YUV	120.7030, -20.0666, -50.6055
Hunter-Lab	51.0780, -34.4341, 22.0616

# Details

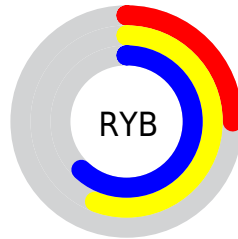
The Hex color **3F9E50** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9E3F8D**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **78D583**, and **006920** is the 20% darker color. If you saturate the color by 10%, you get **2F9E43**, and if you desaturate by 10%, it is **4F9E5D**.

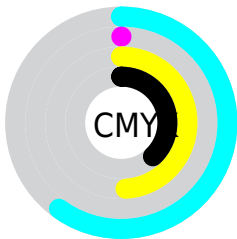
# Distribution



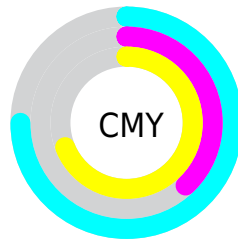
- Red (25%)
- Green (62%)
- Blue (31%)



- Red (25%)
- Yellow (56%)
- Blue (62%)



- Cyan (60%)
- Magenta (0%)
- Yellow (49%)
- Black (38%)



- Cyan (75%)
- Magenta (38%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F9E50 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 3F9E50 by changing the saturation by 10% instead.





3F9E50



3F9E50

FFFFFF



1E8338



78D583



006920



94F29D



005007



B0FFB8



003800



CDFFD4



002300



EAFFF1



000000



3F9E50



3F9E50



2F9E43



4F9E5D



1F9E36



5F9E6A

 109E29

 6E9E77

 009E1C

 7E9E84

 8E9E91

 9E9E9E

 AE9EAB

 BD9EB8

 CD9EC5

# Harmonies

## Analogous

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



7F952B



3F9E50



00A280

# Triad

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



3F9E50



0094EC



E36267

# Complementary

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



3F9E50



9E3F8D

# 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.



DE5F97



3F9E50



7C83E5

# Square

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



3F9E50



009EDA



BE6EC5



D1733D

# Rectangle

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



3F9E50



00A3A2



BE6EC5



E45F77



# Sweetspot

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



3F9E50



A9CFB0



8E9E3F



526956



E8E8E8



696969



# Same Dimension

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



3F9E50



3ACF54



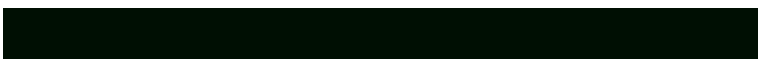
3F9E7E



474F49



008F1A



000F03



# Inverse Universe

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



9E3F8D



CF3AB4



9E3F5F



4F474E



8F0075



0F000D



# Previews

## White Background



This preview shows how the Hex color 3F9E50 looks on a white background.

## Color Contrast Check

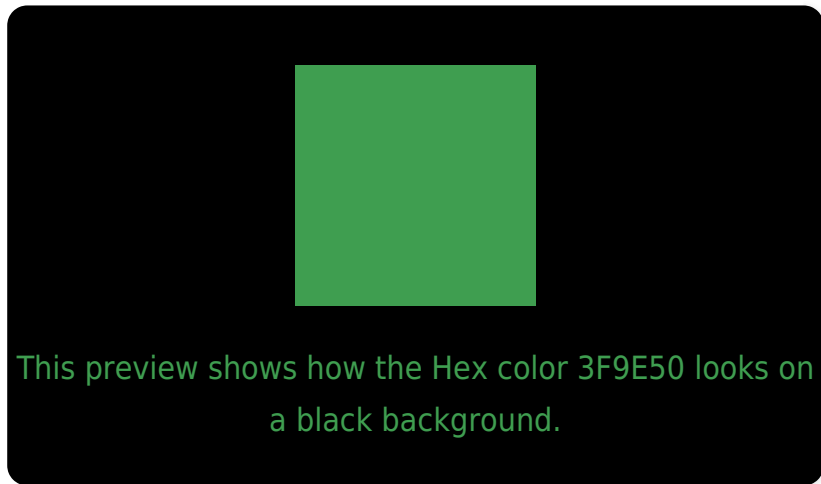
Large Text (above 18pt) WCAG AA ✓ Pass

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

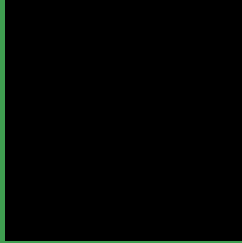
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3F9E50 Background



This preview shows how black text looks on a background with the Hex color 3F9E50.

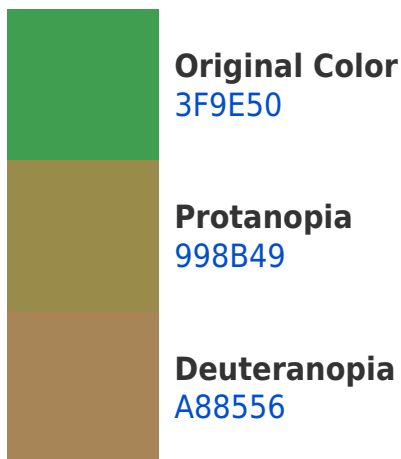


This preview shows how white text looks on a background with the Hex color 3F9E50.

# 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](#).

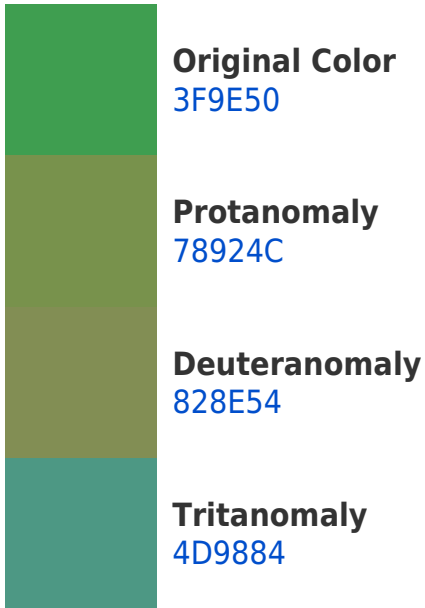
## Dichromacy



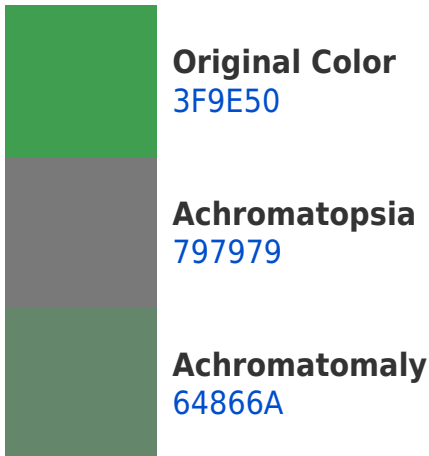


**Tritanopia**  
5595A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F9E50 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 #3F9E50 looks like.

```
.text, #text, p{  
    color:#3F9E50  
}
```

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 #3F9E50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F9E50
}
```

## Border

The CSS property to change the border of an element to Hex 3F9E50 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
#3F9E50 }
```

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

```
.border{ border-color:#3F9E50 }
```

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

Here you see how a box with a 4 pixel #3F9E50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F9E50; -webkit-box-shadow:4px 4px  
4px 4px #3F9E50; box-shadow:4px 4px 4px  
4px #3F9E50 }
```

# Background

The CSS property to change the background color of an element to Hex 3F9E50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F9E50 }
```

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

```
.background{ background-color:#3F9E50 }
```

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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