

# Converting Colors

Hex(799F50)

Have a look what the booklet for  
Hex(799F50) contains.

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# Color

**Hex(799F50)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	799F50
RGB	121, 159, 80
RGB Percent	47%, 62%, 31%
CMY	0.5255, 0.3765, 0.6863
CMYK	0.24, 0.00, 0.50, 0.38
HSL	89°, 33%, 47%
HSV	89°, 50%, 62%
XYZ	21.7313, 29.4404, 12.1266
YIQ	138.6320, 2.7110, -32.6250

# Conversions

## Conversions Part 2

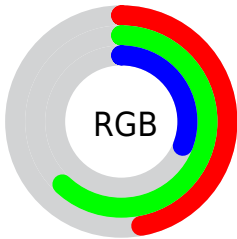
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 159, 118
Decimal	7970640
CIELab	61.17, -26.88, 36.82
CIELCh	61, 45.592, 126.131
Yxy	29.4404, 0.3433, 0.4651
Android (android.graphics.Color)	4286160720 (0xFF799F50)
YUV	138.6320, -28.9056, -15.4633
Hunter-Lab	54.2590, -23.4623, 24.7303

# Details

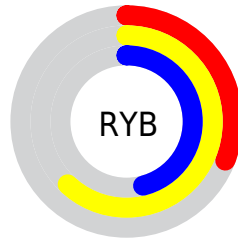
The Hex color **799F50** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **76509F**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **AFD683**, and **466B1F** is the 20% darker color. If you saturate the color by 10%, you get **719F40**, and if you desaturate by 10%, it is **819F60**.

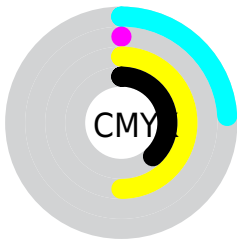
# Distribution



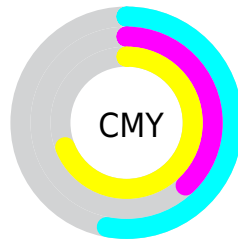
- Red (47%)
- Green (62%)
- Blue (31%)



- Red (31%)
- Yellow (62%)
- Blue (46%)



- Cyan (24%)
- Magenta (0%)
- Yellow (50%)
- Black (38%)



- Cyan (53%)
- Magenta (38%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 799F50 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 799F50 by changing the saturation by 10% instead.





799F50



799F50

FFFFFF



5F8538



AFD683



466B1F



CBF29E



2D5304



E8FFB9



163B00



FFFFD5



002600



FFFFF2



000800



000000



799F50



799F50




719F40



819F60

 6A9F30

 889F70

 629F20

 909F80

 5A9F10

 989F90

 539F00

 9F9FA0

 A79FAF

 AF9FBF

 B69FCF

 BE9FDF

# Harmonies

## Analogous

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



A49440



799F50



41A672

# Triad

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



799F50



00A0DD



DF718D

# Complementary

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



799F50



76509F

# 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.



CC77B5



799F50



5D95E4

# Square

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



799F50



00A7C2



A286D5



DB7866

# Rectangle

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



799F50



00A88D



A286D5



DB729B



# Sweetspot

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



799F50



C0CFB0



9F7550



5F6956



E8E8E8



696969



# Same Dimension

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



799F50



93CF53



539F50



4B4F47



4A8F00



080F00



# Inverse Universe

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



76509F



8E53CF



9C509F



4B474F



45008F



07000F



# Previews

## White Background



This preview shows how the Hex color 799F50 looks on a white background.

## Color Contrast Check

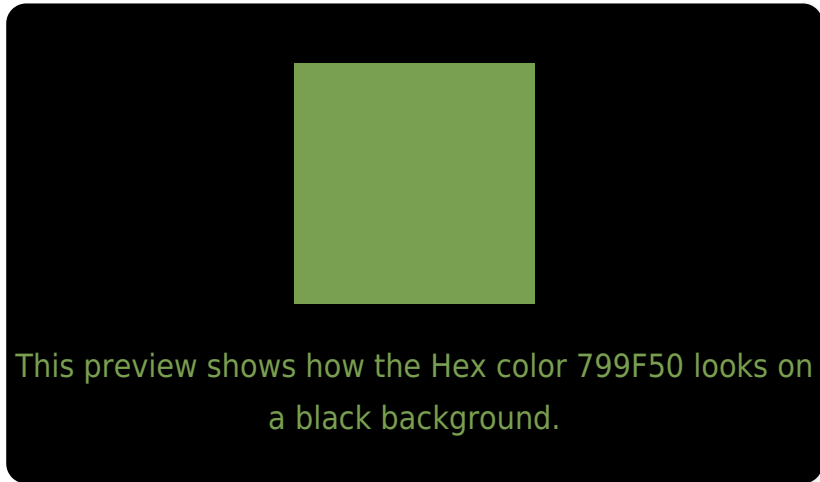
Large Text (above 18pt) WCAG AA ✓ Pass

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 799F50 Background



This preview shows how black text looks on a background with the Hex color 799F50.

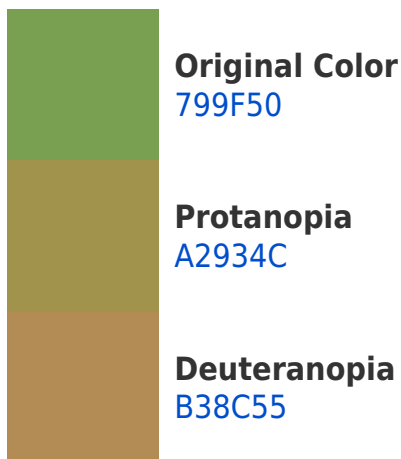


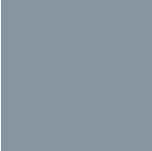
This preview shows how white text looks on a background with the Hex color 799F50.

# 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](#).

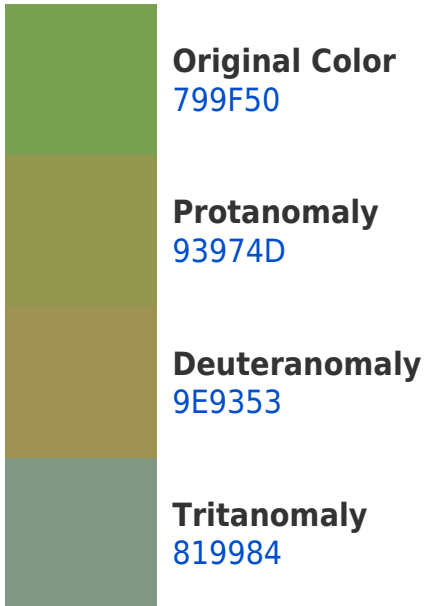
## Dichromacy



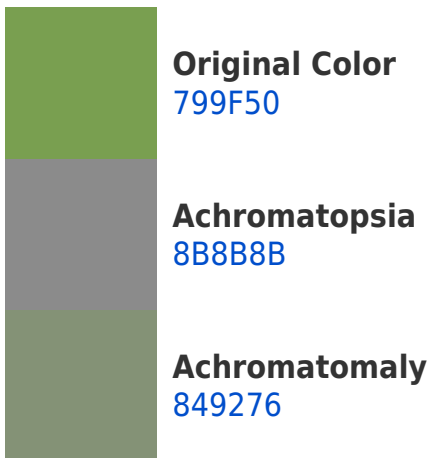


**Tritanopia**  
8596A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 799F50 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 #799F50 looks like.

```
.text, #text, p{  
    color:#799F50  
}
```

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 #799F50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #799F50
}
```

## Border

The CSS property to change the border of an element to Hex 799F50 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
#799F50 }
```

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

```
.border{ border-color:#799F50 }
```

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

Here you see how a box with a 4 pixel #799F50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #799F50; -webkit-box-shadow:4px 4px  
4px 4px #799F50; box-shadow:4px 4px 4px  
4px #799F50 }
```

# Background

The CSS property to change the background color of an element to Hex 799F50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#799F50 }
```

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

```
.background{ background-color:#799F50 }
```

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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