

# Converting Colors

Hex(799D44)

Have a look what the booklet for  
Hex(799D44) contains.

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**Color**

**Hex(799D44)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	799D44
RGB	121, 157, 68
RGB Percent	47%, 62%, 27%
CMY	0.5255, 0.3843, 0.7333
CMYK	0.23, 0.00, 0.57, 0.38
HSL	84°, 40%, 44%
HSV	84°, 57%, 62%
XYZ	20.9855, 28.5962, 9.8824
YIQ	136.0900, 7.1130, -35.3110

# Conversions

## Conversions Part 2

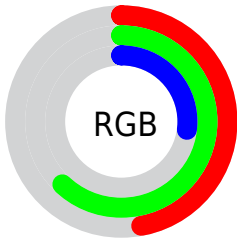
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 157, 104
Decimal	7970116
CIELab	60.42, -27.21, 41.88
CIELCh	60, 49.947, 123.010
Yxy	28.5962, 0.3529, 0.4809
Android (android.graphics.Color)	4286160196 (0xFF799D44)
YUV	136.0900, -33.5684, -13.2339
Hunter-Lab	53.4755, -23.5328, 26.4759

# Details

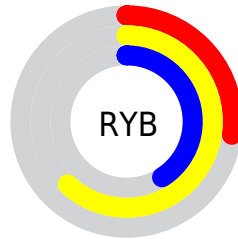
The Hex color **799D44** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **68449D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **AFD477**, and **456910** is the 20% darker color. If you saturate the color by 10%, you get **739D34**, and if you desaturate by 10%, it is **7F9D54**.

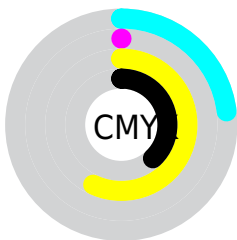
# Distribution



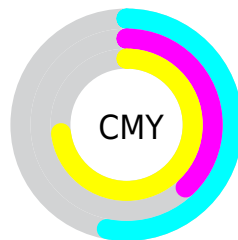
- Red (47%)
- Green (62%)
- Blue (27%)



- Red (27%)
- Yellow (62%)
- Blue (41%)



- Cyan (23%)
- Magenta (0%)
- Yellow (57%)
- Black (38%)



- Cyan (53%)
- Magenta (38%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 799D44 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 799D44 by changing the saturation by 10% instead.



 799D44

 799D44

FFFFFF

 5F832B

 AFD477

 456910

 CBF091

 2C5100

 E8FFAD

 133A00

 FFFFC8

 002400

 FFFF E5

 000300

 000000

 799D44

 799D44

 739D34

 7F9D54

 6C9D25

 869D63

 669D15

 8C9D73

 609D05

 929D83

 5D9D00

 999D93

 9F9DA2

 A59DB2

 AC9DC2

 B29DD1

# Harmonies

## Analogous

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



A69135



799D44



3AA468

# Triad

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



799D44



00A1E0



E26B8F

# Complementary

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



799D44



68449D

# 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.



CB73BA



799D44



4395EA

# Square

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



799D44



00A7C0



9A84DC



E07164

# Rectangle

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



799D44



00A786



9A84DC



DD6C9E



# Sweetspot

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



799D44



BECCA9



9D6844



5E6652



E6E6E6



666666



# Same Dimension

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



799D44



94CC41



4D9D44



4C4F47



558F00



090F00



# Inverse Universe

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



68449D



7941CC



94449D



4A474F



3A008F



06000F



# Previews

## White Background



This preview shows how the Hex color 799D44 looks on a white background.

## Color Contrast Check

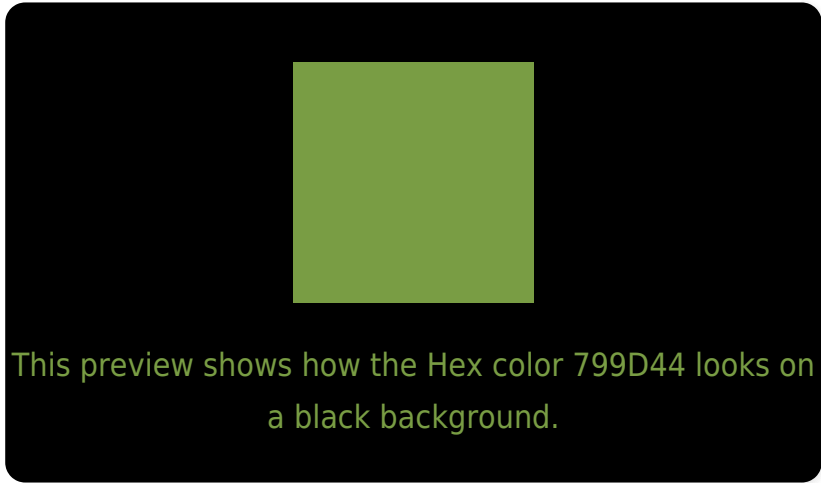
Large Text (above 18pt) WCAG AA ✓ Pass

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 799D44 Background



This preview shows how black text looks on a background with the Hex color 799D44.



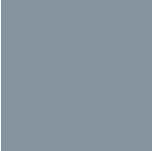
This preview shows how white text looks on a background with the Hex color 799D44.

# 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](#).

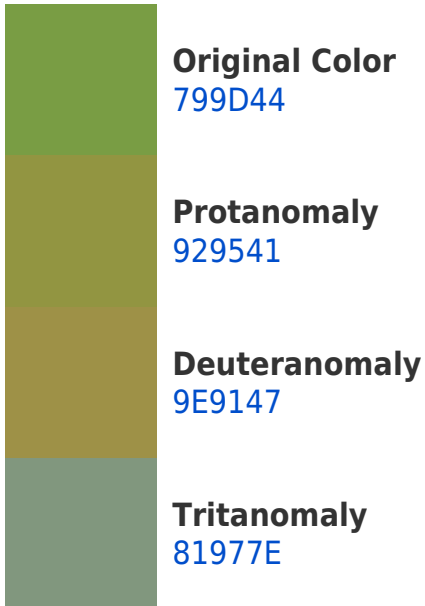
## Dichromacy



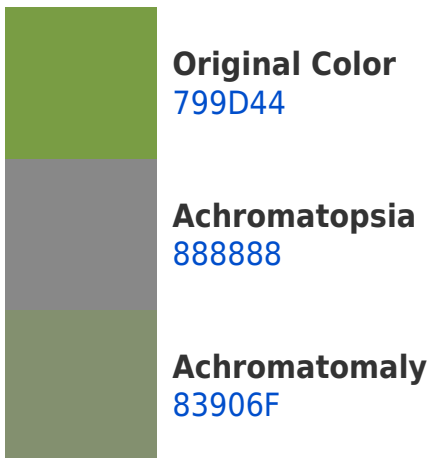


**Tritanopia**  
85939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 799D44 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 #799D44 looks like.

```
.text, #text, p{  
    color:#799D44  
}
```

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 #799D44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #799D44
}
```

## Border

The CSS property to change the border of an element to Hex 799D44 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
#799D44 }
```

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

```
.border{ border-color:#799D44 }
```

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

Here you see how a box with a 4 pixel #799D44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #799D44; -webkit-box-shadow:4px 4px  
4px 4px #799D44; box-shadow:4px 4px 4px  
4px #799D44 }
```

# Background

The CSS property to change the background color of an element to Hex 799D44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#799D44 }
```

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

```
.background{ background-color:#799D44 }
```

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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