

Converting Colors

Hex(799D30)

Have a look what the booklet for
Hex(799D30) contains.

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Color

Hex(799D30)

Conversions

Conversions Part 1

Format	Color
Hex	799D30
RGB	121, 157, 48
RGB Percent	47%, 62%, 19%
CMY	0.5255, 0.3843, 0.8118
CMYK	0.23, 0.00, 0.69, 0.38
HSL	80°, 53%, 40%
HSV	80°, 69%, 62%
XYZ	20.4756, 28.3923, 7.1974
YIQ	133.8100, 13.5330, -41.5310

Conversions

Conversions Part 2

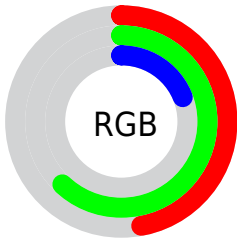
Format	Color
RYB	48, 157, 84
Decimal	7970096
CIELab	60.24, -28.89, 50.58
CIELCh	60, 58.255, 119.734
Yxy	28.3923, 0.3652, 0.5064
Android (android.graphics.Color)	4286160176 (0xFF799D30)
YUV	133.8100, -42.3043, -11.2344
Hunter-Lab	53.2844, -24.6554, 29.2905

Details

The Hex color **799D30** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **54309D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B0D464**, and **446900** is the 20% darker color. If you saturate the color by 10%, you get **749D20**, and if you desaturate by 10%, it is **7E9D40**.

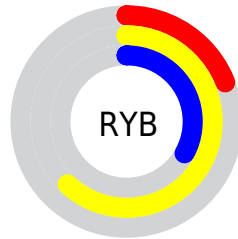
Distribution



Red (47%)

Green (62%)

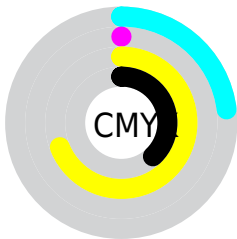
Blue (19%)



Red (19%)

Yellow (62%)

Blue (33%)

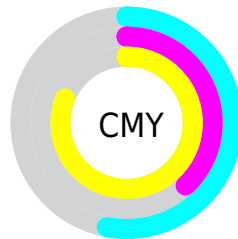


Cyan (23%)

Magenta (0%)

Yellow (69%)

Black (38%)



Cyan (53%)

Magenta (38%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 799D30 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 799D30 by changing the saturation by 10% instead.

 799D30

 799D30

FFFFFF

 5E8312

 B0D464

 446900

 CCF07F

 2B5100

 E9FF9A

 0D3A00

 FFFFB6

 002500

 FFFFD2

 000200

 FFFFEF

 000000

 799D30

 799D30

 749D20

 7E9D40

■ 6F9D11

■ 839D4F

■ 699D01

■ 899D5F

■ 699D00

■ 8E9D6F

■ 939D7E

■ 989D8E

■ 9D9D9E

■ A29DAE

■ A89DBD

Harmonies

Analogous

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



AC8F1F



799D30



29A65B

Triad

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



799D30



00A4E9



EC6194

Complementary

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



799D30



54309D

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.



CF6EC6



799D30



0097F8

Square

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



799D30



00A9C3



9084EB



EB6761

Rectangle

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



799D30



00A97D



9084EB



E563A5

Sweetspot

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



799D30



BECCA1



9D5330



5E664D



E6E6E6



666666

Same Dimension

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



799D30



94CC23



449D30



4C4F47



608F00



0A0F00

Inverse Universe

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



54309D



5B23CC



89309D



4A474F



2F008F



05000F

Previews

White Background



This preview shows how the Hex color 799D30 looks on a white background.

Color Contrast Check

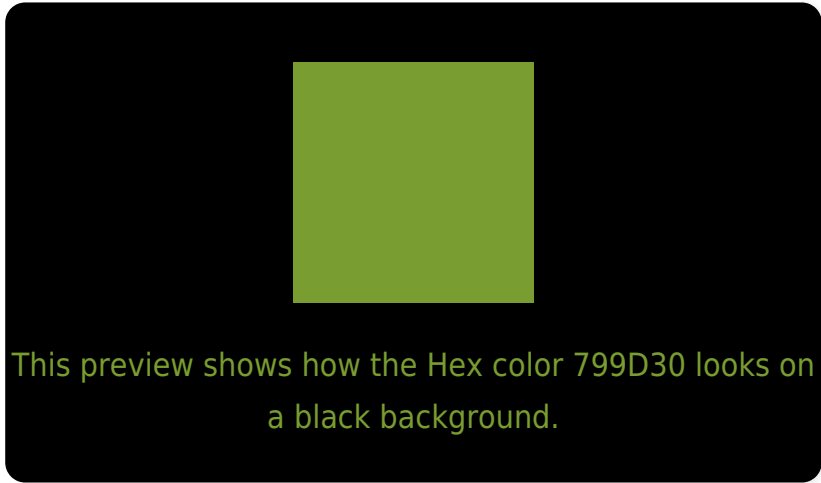
Large Text (above 18pt) WCAG AA ✓ Pass

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 799D30 Background



This preview shows how black text looks on a background with the Hex color 799D30.

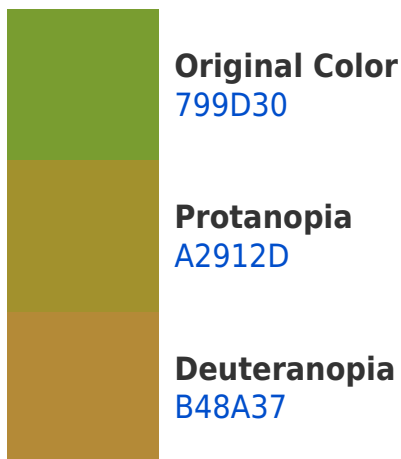


This preview shows how white text looks on a background with the Hex color 799D30.

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](#).

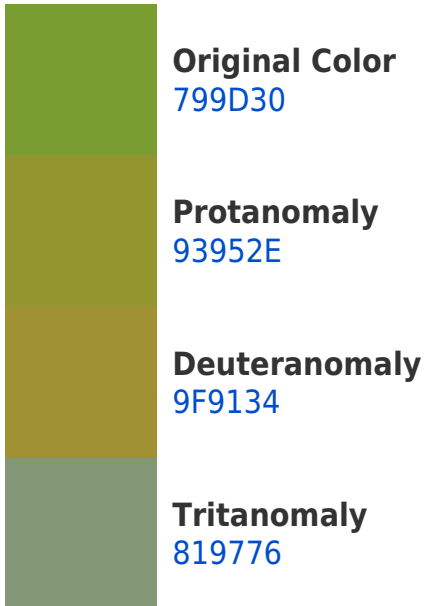
Dichromacy





Tritanopia
86939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 799D30 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 #799D30 looks like.

```
.text, #text, p{  
    color:#799D30  
}
```

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 #799D30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #799D30
}
```

Border

The CSS property to change the border of an element to Hex 799D30 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
#799D30 }
```

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

```
.border{ border-color:#799D30 }
```

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

Here you see how a box with a 4 pixel #799D30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #799D30; -webkit-box-shadow:4px 4px  
4px 4px #799D30; box-shadow:4px 4px 4px  
4px #799D30 }
```

Background

The CSS property to change the background color of an element to Hex 799D30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#799D30 }
```

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

```
.background{ background-color:#799D30 }
```

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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