

Converting Colors

Hex(799B30)

Have a look what the booklet for
Hex(799B30) contains.

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Color

Hex(799B30)

Conversions

Conversions Part 1

Format	Color
Hex	799B30
RGB	121, 155, 48
RGB Percent	47%, 61%, 19%
CMY	0.5255, 0.3922, 0.8118
CMYK	0.22, 0.00, 0.69, 0.39
HSL	79°, 53%, 40%
HSV	79°, 69%, 61%
XYZ	20.1400, 27.7210, 7.0855
YIQ	132.6360, 14.0830, -40.4850

Conversions

Conversions Part 2

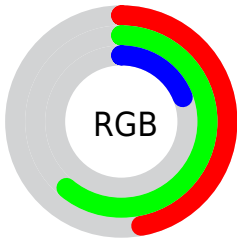
Format	Color
R_{YB}	48, 155, 82
Decimal	7969584
CIE _{Lab}	59.64, -27.93, 49.96
CIE _{LCh}	60, 57.238, 119.206
Yxy	27.7210, 0.3665, 0.5045
Android (android.graphics.Color)	4286159664 (0xFF799B30)
YUV	132.6360, -41.7255, -10.2048
Hunter-Lab	52.6508, -23.8589, 28.8766

Details

The Hex color **799B30** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **52309B**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **B0D264**, and **446800** is the 20% darker color. If you saturate the color by 10%, you get **749B21**, and if you desaturate by 10%, it is **7E9B3F**.

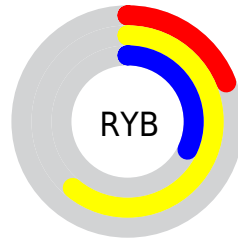
Distribution



Red (47%)

Green (61%)

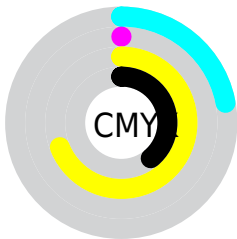
Blue (19%)



Red (19%)

Yellow (61%)

Blue (32%)

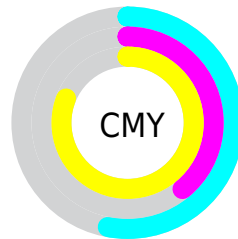


Cyan (22%)

Magenta (0%)

Yellow (69%)

Black (39%)



Cyan (53%)

Magenta (39%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 799B30 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 799B30 by changing the saturation by 10% instead.



799B30



799B30

FFFFFF



5E8113



B0D264



446800



CCEE7F



2B4F00



E9FF9A



0E3800



FFFFB5



002300



FFFFD2



000000



FFFEE



799B30



799B30



749B21



7E9B3F

■ 6F9B11

■ 839B4F

■ 6A9B01

■ 889B5E

■ 6A9B00

■ 8D9B6E

■ 929B7E

■ 979B8D

■ 9B9B9D

■ A09BAC

■ A59BBB

Harmonies

Analogous

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



AB8D20



799B30



2DA45A

Triad

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



799B30



00A2E6



E86093

Complementary

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



799B30



52309B

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.



CB6DC4



799B30



0096F4

Square

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



799B30



00A7BF



8D83E8



E86761

Rectangle

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



799B30



00A77B



8D83E8



E263A4

Sweetspot

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



799B30



BCC99F



9B5230



5E664D



E6E6E6



666666

Same Dimension

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



799B30



94C922



449B30



4A4D45



608C00



090D00

Inverse Universe

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



52309B



5722C9



87309B



47454D



2D008C



04000D

Previews

White Background



This preview shows how the Hex color 799B30 looks on a white background.

Color Contrast Check

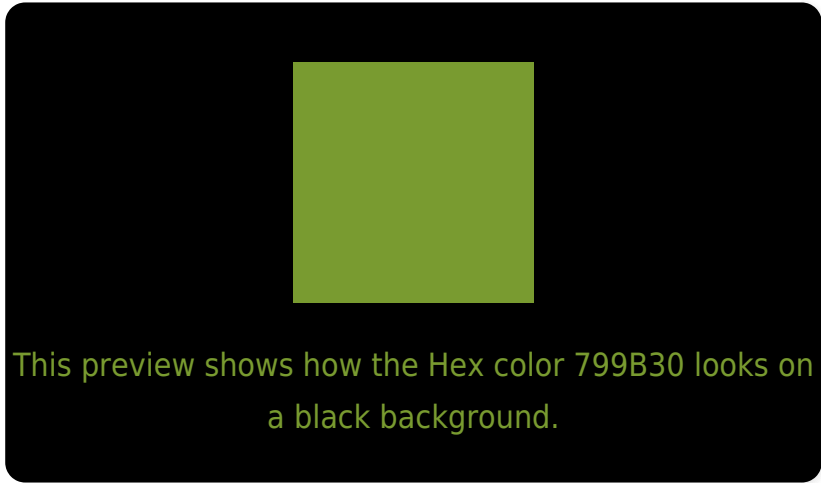
Large Text (above 18pt) WCAG AA ✓ Pass

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 799B30 Background



This preview shows how black text looks on a background with the Hex color 799B30.

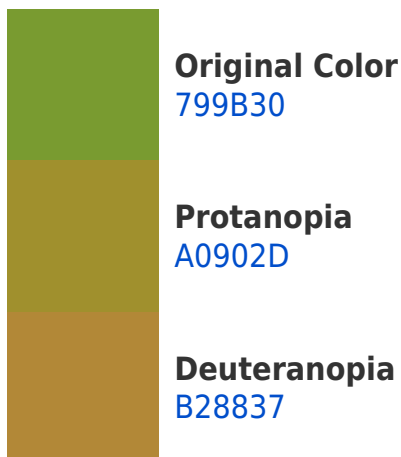


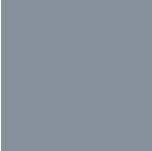
This preview shows how white text looks on a background with the Hex color 799B30.

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](#).

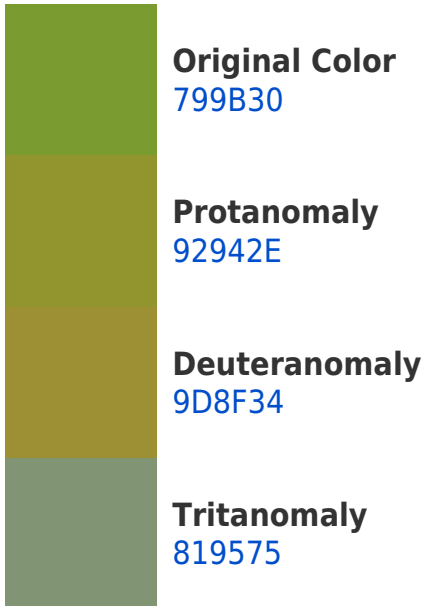
Dichromacy





Tritanopia
86919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 799B30 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 #799B30 looks like.

```
.text, #text, p{  
    color:#799B30  
}
```

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 #799B30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #799B30
}
```

Border

The CSS property to change the border of an element to Hex 799B30 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
#799B30 }
```

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

```
.border{ border-color:#799B30 }
```

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

Here you see how a box with a 4 pixel #799B30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #799B30; -webkit-box-shadow:4px 4px  
4px 4px #799B30; box-shadow:4px 4px 4px  
4px #799B30 }
```

Background

The CSS property to change the background color of an element to Hex 799B30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#799B30 }
```

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

```
.background{ background-color:#799B30 }
```

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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