

# Converting Colors

Hex(716C30)

Have a look what the booklet for  
Hex(716C30) contains.

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**Color**

**Hex(716C30)**

# Conversions

## Conversions Part 1

Format	Color
Hex	716C30
RGB	113, 108, 48
RGB Percent	44%, 42%, 19%
CMY	0.5569, 0.5765, 0.8118
CMYK	0.00, 0.04, 0.58, 0.56
HSL	55°, 40%, 32%
HSV	55°, 58%, 44%
XYZ	12.7061, 14.4492, 4.9156
YIQ	102.6550, 22.2400, -17.6000

# Conversions

## Conversions Part 2

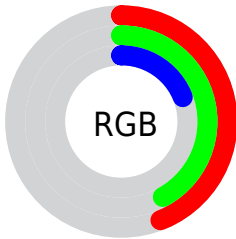
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 113, 48
Decimal	7433264
CIELab	44.87, -6.71, 33.73
CIELCh	45, 34.396, 101.255
Yxy	14.4492, 0.3962, 0.4505
Android (android.graphics.Color)	4285623344 (0xFF716C30)
YUV	102.6550, -26.9449, 9.0726
Hunter-Lab	38.0121, -6.8550, 18.9413

# Details

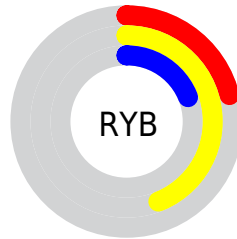
The Hex color **716C30** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **303571**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **A69F60**, and **3F3D00** is the 20% darker color. If you saturate the color by 10%, you get **716B25**, and if you desaturate by 10%, it is **716D3B**.

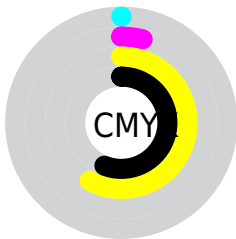
# Distribution



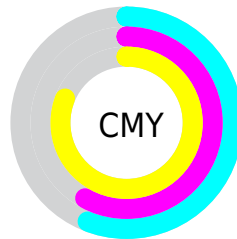
- Red (44%)
- Green (42%)
- Blue (19%)



- Red (21%)
- Yellow (44%)
- Blue (19%)



- Cyan (0%)
- Magenta (4%)
- Yellow (58%)
- Black (56%)




- Cyan (56%)
- Magenta (58%)
- Yellow (81%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 716C30 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 716C30 by changing the saturation by 10% instead.



 716C30

 716C30

FFFFFF

 575419

 A69F60

 3F3D00

 C2BA7A

 272700

 DFD694


 0A1300

 FCF2AF


 000000


 FFFFCA

 FFFF E7

 716C30

 716C30

 716B25

 716D3B

■ 716A19

■ 716E47

■ 71690E

■ 716F52

■ 716903

■ 716F5D

■ 716800

■ 717069

■ 717174

■ 71727F

■ 71738A

■ 717496

# Harmonies

## Analogous

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



8A6234



716C30



52733E

# Triad

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



716C30



00778F



96557D

# Complementary

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



716C30



303571

# 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.



7B5E95



716C30



0072A0

# Square

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



716C30



007974



4E69A2



A05260

# Rectangle

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



716C30



38764E



4E69A2



8F5886



# Sweetspot

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



716C30



94927B



713035



4A493B



C9C9C9



4A4A4A



# Same Dimension

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



716C30



948C2E



567130



383832



786F00



F7E400



# Inverse Universe

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



303571



2E3694



4B3071



323338



000978



0013F7



# Previews

## White Background



This preview shows how the Hex color 716C30 looks on a white background.

## Color Contrast Check

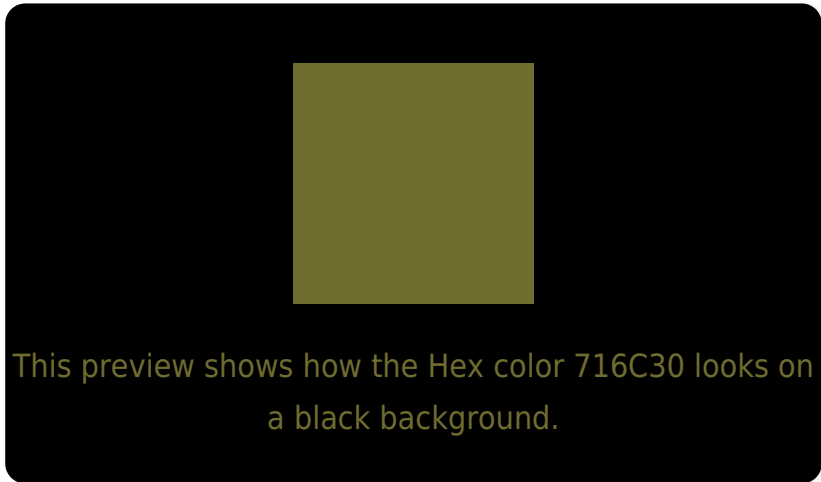
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

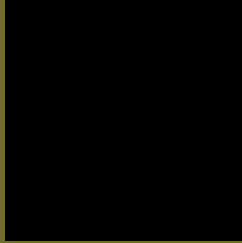
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 716C30 Background



This preview shows how black text looks on a background with the Hex color 716C30.



This preview shows how white text looks on a background with the Hex color 716C30.

# 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



**Original Color**  
716C30

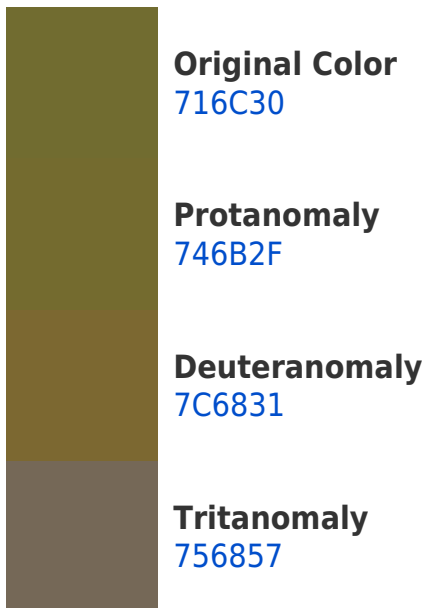
**Protanopia**  
766A2F

**Deuteranopia**  
836532

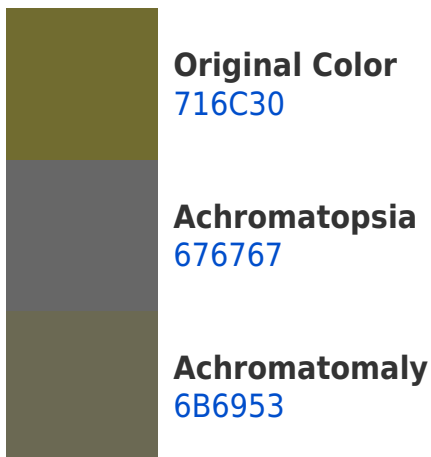


**Tritanopia**  
77666D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 716C30 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 #716C30 looks like.

```
.text, #text, p{  
    color:#716C30  
}
```

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 #716C30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #716C30
}
```

## Border

The CSS property to change the border of an element to Hex 716C30 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
#716C30 }
```

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

```
.border{ border-color:#716C30 }
```

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

Here you see how a box with a 4 pixel #716C30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #716C30; -webkit-box-shadow:4px 4px  
4px 4px #716C30; box-shadow:4px 4px 4px  
4px #716C30 }
```

# Background

The CSS property to change the background color of an element to Hex 716C30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#716C30 }
```

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

```
.background{ background-color:#716C30 }
```

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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