

Converting Colors

Hex(677A30)

Have a look what the booklet for
Hex(677A30) contains.

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Color

Hex(677A30)

Conversions

Conversions Part 1

Format	Color
Hex	677A30
RGB	103, 122, 48
RGB Percent	40%, 48%, 19%
CMY	0.5961, 0.5216, 0.8118
CMYK	0.16, 0.00, 0.61, 0.52
HSL	75°, 44%, 33%
HSV	75°, 61%, 48%
XYZ	13.0866, 17.0160, 5.3910
YIQ	107.8830, 12.4300, -27.0420

Conversions

Conversions Part 2

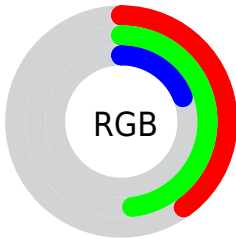
Format	Color
RYB	48, 122, 67
Decimal	6781488
CIELab	48.28, -18.88, 37.39
CIELCh	48, 41.886, 116.798
Yxy	17.0160, 0.3687, 0.4794
Android (android.graphics.Color)	4284971568 (0xFF677A30)
YUV	107.8830, -29.5223, -4.2824
Hunter-Lab	41.2505, -15.5600, 21.1268

Details

The Hex color **677A30** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **43307A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **9CAE61**, and **354900** is the 20% darker color. If you saturate the color by 10%, you get **647A24**, and if you desaturate by 10%, it is **6A7A3C**.

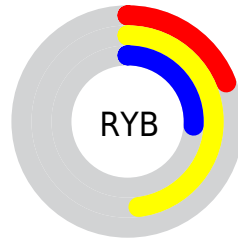
Distribution



Red (40%)

Green (48%)

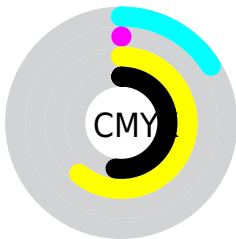
Blue (19%)



Red (19%)

Yellow (48%)

Blue (26%)

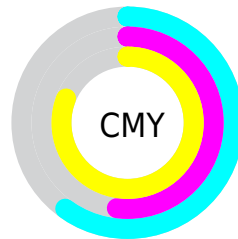


Cyan (16%)

Magenta (0%)

Yellow (61%)

Black (52%)



Cyan (60%)

Magenta (52%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 677A30 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 677A30 by changing the saturation by 10% instead.



677A30



677A30

FFFFFF



4E6117



9CAE61



354900



B7CA7B



1E3300



D3E695



001E00



F0FFB0



000000



FFFFCC



FFFFE8



677A30



677A30



647A24



6A7A3C

■ 617A18

■ 6D7A48

■ 5E7A0B

■ 707A55

■ 5B7A00

■ 747A61

■ 777A6D

■ 7A7A79

■ 7D7A85

■ 807A92

■ 837A9E

Harmonies

Analogous

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



8A6F29



677A30



3A814A

Triad

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



677A30



0080AD



B15478

Complementary

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



677A30



43307A

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.



9A5D9A



677A30



1678B9

Square

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



677A30



008491



6E6BB2



B35755

Rectangle

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



677A30



008361



6E6BB2



AC5684

Sweetspot

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



677A30



979E82



7A4330



4B4F3E



CFCFCF



4F4F4F

Same Dimension

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



677A30



809E2B



437A30



3C3D37



5D7D00



BCFC00

Inverse Universe

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



43307A



482B9E



68307A



39373D



20007D



4100FC

Previews

White Background



This preview shows how the Hex color 677A30 looks on a white background.

Color Contrast Check

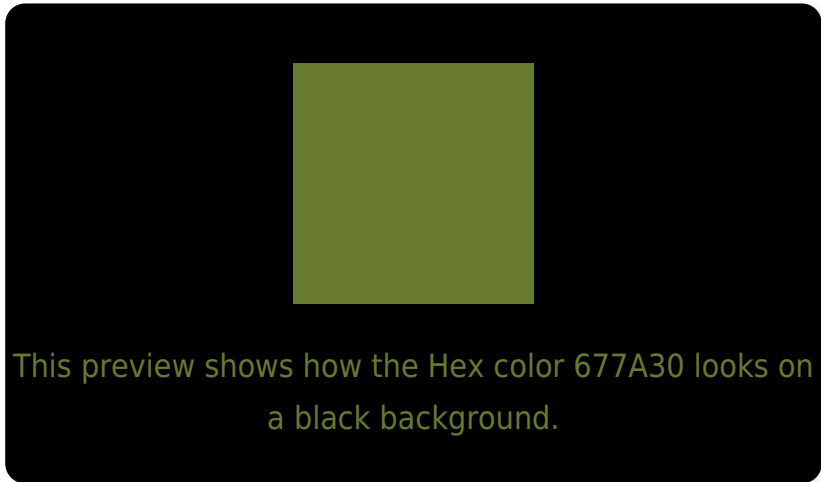
Large Text (above 18pt) WCAG AA ✓ Pass

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

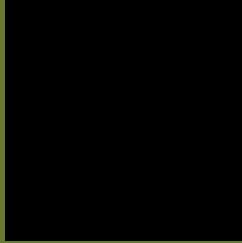
Any Text WCAG AA × Fail

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 677A30 Background



This preview shows how black text looks on a background with the Hex color 677A30.



This preview shows how white text looks on a background with the Hex color 677A30.

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
677A30

Protanopia
7F732E

Deuteranopia
8E6D34



Tritanopia
70727B

Trichromacy



Original Color
677A30

Protanomaly
76762F

Deuteranomaly
807233

Tritanomaly
6D7560

Monochromacy



Original Color
677A30

Achromatopsia
6C6C6C

Achromatomaly
6A7156

CSS Examples

Text

The CSS property to change the color of the text to Hex 677A30 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 #677A30 looks like.

```
.text, #text, p{  
    color:#677A30  
}
```

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 #677A30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677A30
}
```

Border

The CSS property to change the border of an element to Hex 677A30 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
#677A30 }
```

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

```
.border{ border-color:#677A30 }
```

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

Here you see how a box with a 4 pixel #677A30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677A30; -webkit-box-shadow:4px 4px  
4px 4px #677A30; box-shadow:4px 4px 4px  
4px #677A30 }
```

Background

The CSS property to change the background color of an element to Hex 677A30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677A30 }
```

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

```
.background{ background-color:#677A30 }
```

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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