

Converting Colors

Hex(676C2E)

Have a look what the booklet for
Hex(676C2E) contains.

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Color

Hex(676C2E)

Conversions

Conversions Part 1

Format	Color
Hex	676C2E
RGB	103, 108, 46
RGB Percent	40%, 42%, 18%
CMY	0.5961, 0.5765, 0.8196
CMYK	0.05, 0.00, 0.57, 0.58
HSL	65°, 40%, 30%
HSV	65°, 57%, 42%
XYZ	11.4492, 13.8059, 4.6461
YIQ	99.4370, 16.9220, -20.3420

Conversions

Conversions Part 2

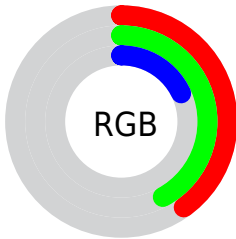
Format	Color
RYB	46, 108, 51
Decimal	6777902
CIELab	43.95, -11.48, 33.48
CIELCh	44, 35.394, 108.934
Yxy	13.8059, 0.3829, 0.4617
Android (android.graphics.Color)	4284967982 (0xFF676C2E)
YUV	99.4370, -26.3444, 3.1248
Hunter-Lab	37.1564, -10.0213, 18.5956

Details

The Hex color **676C2E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **332E6C**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **9C9F5E**, and **363D00** is the 20% darker color. If you saturate the color by 10%, you get **666C23**, and if you desaturate by 10%, it is **686C39**.

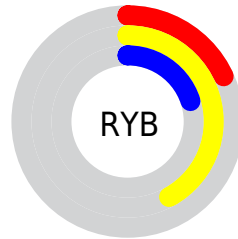
Distribution



Red (40%)

Green (42%)

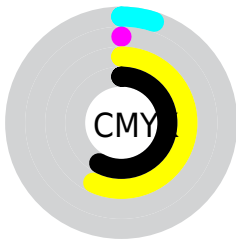
Blue (18%)



Red (18%)

Yellow (42%)

Blue (20%)

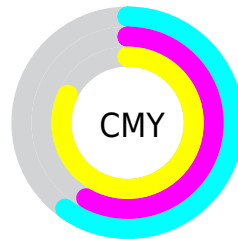


Cyan (5%)

Magenta (0%)

Yellow (57%)

Black (58%)



Cyan (60%)

Magenta (58%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 676C2E 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 676C2E by changing the saturation by 10% instead.



676C2E



676C2E

FFFFFF



4E5416



9C9F5E



363D00



B7BA78



1F2700



D3D692



001400



F0F2AD



000000



FFFFC8



FFFFE4



676C2E



676C2E



666C23



686C39

■ 656C18

■ 696C44

■ 646C0E

■ 6A6C4E

■ 646C03

■ 6A6C59

■ 636C00

■ 6B6C64

■ 6C6C6F

■ 6D6C7A

■ 6E6C84

■ 6F6C8F

Harmonies

Analogous

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



83622D



676C2E



457340

Triad

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



676C2E



007493



995074

Complementary

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



676C2E



332E6C

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.



81598F



676C2E



056EA1

Square

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



676C2E



00777A



58649F



9F5056

Rectangle

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



676C2E



267552



58649F



93527E

Sweetspot

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



676C2E



8A8C74



6C322E



464739



C7C7C7



474747

Same Dimension

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



676C2E



848C2B



496C2E



353630



6C7500



E1F500

Inverse Universe

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



332E6C



332B8C



512E6C



313036



090075



1400F5

Previews

White Background



This preview shows how the Hex color 676C2E looks on a white background.

Color Contrast Check

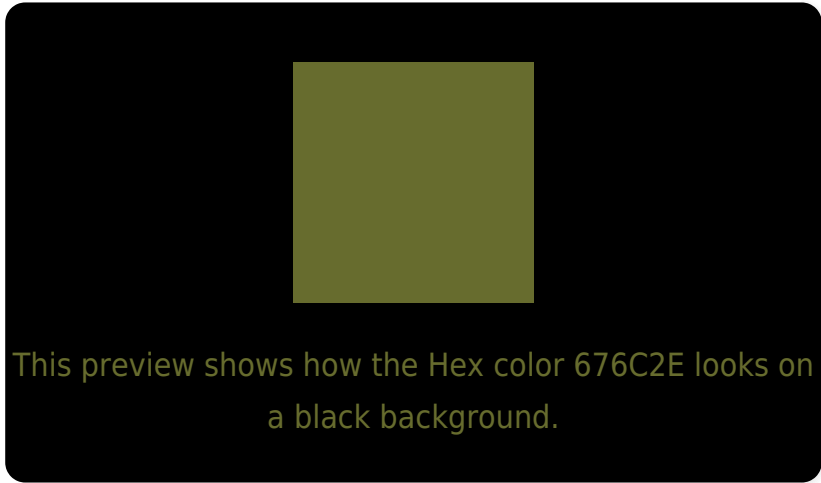
Large Text (above 18pt) WCAG AA ✓ Pass

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

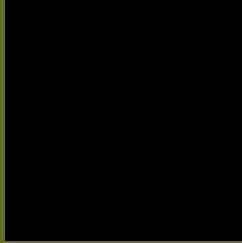
Any Text WCAG AA × Fail

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 676C2E Background



This preview shows how black text looks on a background with the Hex color 676C2E.



This preview shows how white text looks on a background with the Hex color 676C2E.

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](#).

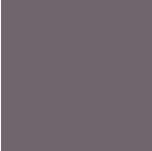
Dichromacy



Original Color
676C2E

Protanopia
73682D

Deuteranopia
806331



Tritanopia
6E656D

Trichromacy



Original Color
676C2E

Protanomaly
6F692D

Deuteranomaly
776630

Tritanomaly
6B6856

Monochromacy



Original Color
676C2E

Achromatopsia
636363

Achromatomaly
646650

CSS Examples

Text

The CSS property to change the color of the text to Hex 676C2E 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 #676C2E looks like.

```
.text, #text, p{  
    color:#676C2E  
}
```

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 #676C2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676C2E
}
```

Border

The CSS property to change the border of an element to Hex 676C2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

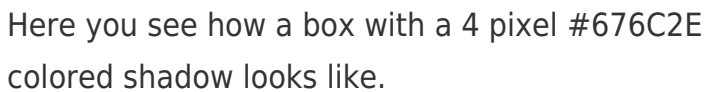
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#676C2E }
```

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

```
.border{ border-color:#676C2E }
```

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



Here you see how a box with a 4 pixel #676C2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676C2E; -webkit-box-shadow:4px 4px  
4px 4px #676C2E; box-shadow:4px 4px 4px  
4px #676C2E }
```

Background

The CSS property to change the background color of an element to Hex 676C2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676C2E }
```

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

```
.background{ background-color:#676C2E }
```

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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