

Converting Colors

Hex(677826)

Have a look what the booklet for
Hex(677826) contains.

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Color

Hex(677826)

Conversions

Conversions Part 1

Format	Color
Hex	677826
RGB	103, 120, 38
RGB Percent	40%, 47%, 15%
CMY	0.5961, 0.5294, 0.8510
CMYK	0.14, 0.00, 0.68, 0.53
HSL	72°, 52%, 31%
HSV	72°, 68%, 47%
XYZ	12.6598, 16.4564, 4.3429
YIQ	105.5690, 16.1900, -29.1060

Conversions

Conversions Part 2

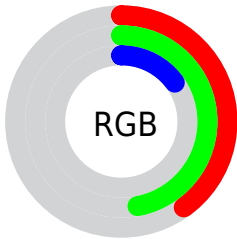
Format	Color
R_{YB}	38, 120, 55
Decimal	6780966
CIE Lab	47.57, -18.65, 41.27
CIE LCh	48, 45.285, 114.321
Yxy	16.4564, 0.3784, 0.4918
Android (android.graphics.Color)	4284971046 (0xFF677826)
YUV	105.5690, -33.3115, -2.2530
Hunter-Lab	40.5665, -15.2859, 22.0492

Details

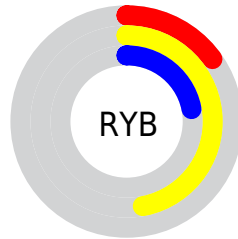
The Hex color **677826** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **372678**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9CAC58**, and **354800** is the 20% darker color. If you saturate the color by 10%, you get **65781A**, and if you desaturate by 10%, it is **697832**.

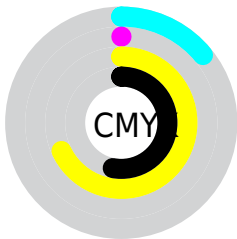
Distribution



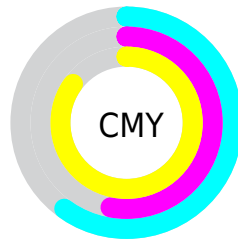
- Red (40%)
- Green (47%)
- Blue (15%)



- Red (15%)
- Yellow (47%)
- Blue (22%)



- Cyan (14%)
- Magenta (0%)
- Yellow (68%)
- Black (53%)



- Cyan (60%)
- Magenta (53%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 677826 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 677826 by changing the saturation by 10% instead.



677826



677826

FFFFFF



4D5F0A



9CAC58



354800



B8C871



1D3100



D4E48C



001D00



F1FFA6



000000



FFFFC2



FFFFDE



FFFFFB



677826



677826

■ 65781A

■ 697832

■ 62780E

■ 6C783E

■ 607802

■ 6E784A

■ 5F7800

■ 717856

■ 737862

■ 76786E

■ 78787A

■ 7B7886

■ 7D7892

Harmonies

Analogous

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



8C6C20



677826



367F42

Triad

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



677826



0080AE



B24F7A

Complementary

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



677826



372678

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.



985A9E



677826



0077BD

Square

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



677826



00838F



666AB7



B65154

Rectangle

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



677826



00825B



666AB7



AC5186

Sweetspot

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



677826



959C7B



783626



4B4F3B



CFCFCF



4F4F4F

Same Dimension

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



677826



819C1C



3F7826



3C3D37



637D00



C8FC00

Inverse Universe

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



372678



361C9C



5F2678



38373D



1A007D



3400FC

Previews

White Background



This preview shows how the Hex color 677826 looks on a white background.

Color Contrast Check

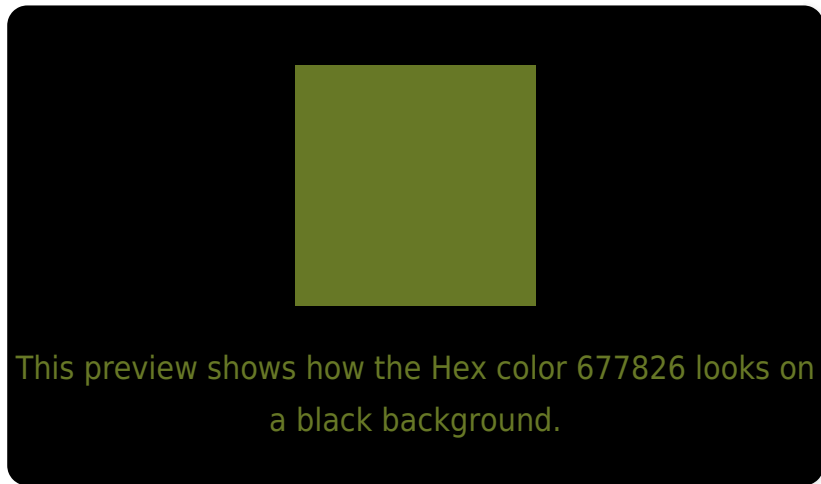
Large Text (above 18pt) WCAG AA ✓ Pass

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

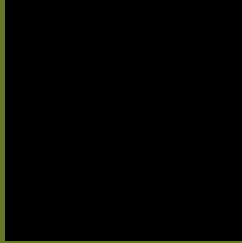
Any Text WCAG AA × Fail

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 677826 Background



This preview shows how black text looks on a background with the Hex color 677826.



This preview shows how white text looks on a background with the Hex color 677826.

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
677826

Protanopia
7E7124

Deuteranopia
8C6B2B



Tritanopia
707079

Trichromacy



Original Color
677826

Protanomaly
767425

Deuteranomaly
7F7029

Tritanomaly
6D735B

Monochromacy



Original Color
677826

Achromatopsia
6A6A6A

Achromatomaly
696F51

CSS Examples

Text

The CSS property to change the color of the text to Hex 677826 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 #677826 looks like.

```
.text, #text, p{  
    color:#677826  
}
```

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 #677826 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677826
}
```

Border

The CSS property to change the border of an element to Hex 677826 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
#677826 }
```

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

```
.border{ border-color:#677826 }
```

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

Here you see how a box with a 4 pixel #677826 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677826; -webkit-box-shadow:4px 4px  
4px 4px #677826; box-shadow:4px 4px 4px  
4px #677826 }
```

Background

The CSS property to change the background color of an element to Hex 677826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677826 }
```

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

```
.background{ background-color:#677826 }
```

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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