

Converting Colors

Hex(6C8026)

Have a look what the booklet for
Hex(6C8026) contains.

Hex(6C8026)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6C8026)

Conversions

Conversions Part 1

Format	Color
Hex	6C8026
RGB	108, 128, 38
RGB Percent	42%, 50%, 15%
CMY	0.5765, 0.4980, 0.8510
CMYK	0.16, 0.00, 0.70, 0.50
HSL	73°, 54%, 33%
HSV	73°, 70%, 50%
XYZ	14.2534, 18.7664, 4.7048
YIQ	111.7600, 16.9700, -32.2300

Conversions

Conversions Part 2

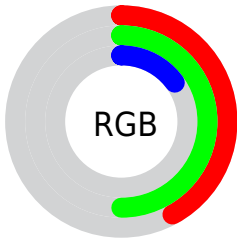
Format	Color
R_{YB}	38, 128, 58
Decimal	7110694
CIE Lab	50.41, -20.62, 44.32
CIE LCh	50, 48.885, 114.949
Yxy	18.7664, 0.3778, 0.4975
Android (android.graphics.Color)	4285300774 (0xFF6C8026)
YUV	111.7600, -36.3637, -3.2975
Hunter-Lab	43.3202, -17.0798, 23.8850

Details

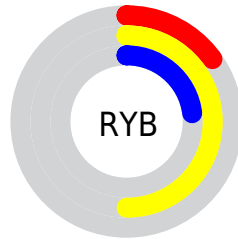
The Hex color **6C8026** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3A2680**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **A2B559**, and **394F00** is the 20% darker color. If you saturate the color by 10%, you get **698019**, and if you desaturate by 10%, it is **6F8033**.

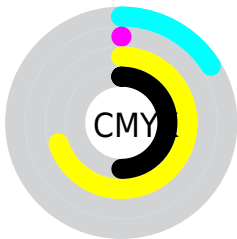
Distribution



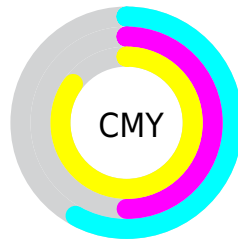
- Red (42%)
- Green (50%)
- Blue (15%)



- Red (15%)
- Yellow (50%)
- Blue (23%)



- Cyan (16%)
- Magenta (0%)
- Yellow (70%)
- Black (50%)



- Cyan (58%)
- Magenta (50%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C8026 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 6C8026 by changing the saturation by 10% instead.



6C8026



6C8026

FFFFFF



526708



A2B559



394F00



BED072



213800



DAED8D



032300



F7FFA8



000300



FFFFC4



000000



FFFFE0



FFFFFD



6C8026



6C8026

■ 698019

■ 6F8033

■ 66800C

■ 728040

■ 648000

■ 75804C

■ 778059

■ 7A8066

■ 7D8073

■ 808080

■ 83808C

■ 868099

Harmonies

Analogous

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



94731E



6C8026



358846

Triad

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



6C8026



0088BB



BF5281

Complementary

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



6C8026



3A2680

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.



A45EA8



6C8026



007FCB

Square

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



6C8026



008C9A



6D70C4



C35557

Rectangle

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



6C8026



008B61



6D70C4



B9558F

Sweetspot

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



6C8026



9EA683



803A26



4F543F



D4D4D4



545454

Same Dimension

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



6C8026



87A61B



408026



3E4039



638000



000000

Inverse Universe

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



3A2680



391BA6



672680



3B3940



1C0080



000000

Previews

White Background



This preview shows how the Hex color 6C8026 looks on a white background.

Color Contrast Check

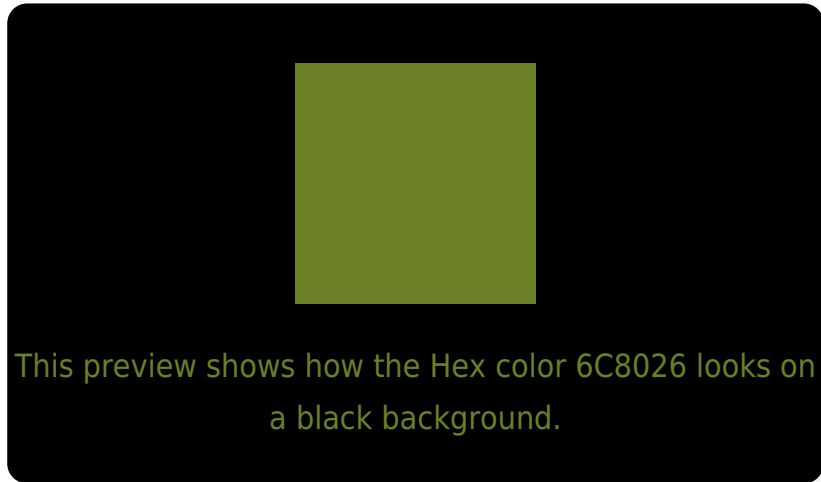
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C8026 Background



This preview shows how black text looks on a background with the Hex color 6C8026.



This preview shows how white text looks on a background with the Hex color 6C8026.

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
6C8026

Protanopia
867824

Deuteranopia
95722B



Tritanopia
767881

Trichromacy



Original Color
6C8026

Protanomaly
7D7B25

Deuteranomaly
867729

Tritanomaly
727B60

Monochromacy



Original Color
6C8026

Achromatopsia
707070

Achromatomaly
6F7655

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C8026 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 #6C8026 looks like.

```
.text, #text, p{  
    color:#6C8026  
}
```

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 #6C8026 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C8026
}
```

Border

The CSS property to change the border of an element to Hex 6C8026 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
#6C8026 }
```

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

```
.border{ border-color:#6C8026 }
```

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

Here you see how a box with a 4 pixel #6C8026 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C8026; -webkit-box-shadow:4px 4px  
4px 4px #6C8026; box-shadow:4px 4px 4px  
4px #6C8026 }
```

Background

The CSS property to change the background color of an element to Hex 6C8026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C8026 }
```

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

```
.background{ background-color:#6C8026 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor