

# Converting Colors

Hex(6C882F)

Have a look what the booklet for  
Hex(6C882F) contains.

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# Color

Hex(6C882F)

# Conversions

## Conversions Part 1

Format	Color
Hex	6C882F
RGB	108, 136, 47
RGB Percent	42%, 53%, 18%
CMY	0.5765, 0.4667, 0.8157
CMYK	0.21, 0.00, 0.65, 0.47
HSL	79°, 49%, 36%
HSV	79°, 65%, 53%
XYZ	15.5016, 21.0017, 5.9260
YIQ	117.4820, 11.8810, -33.6150

# Conversions

## Conversions Part 2

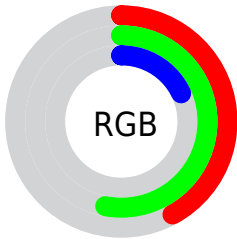
Format	Color
RYB	47, 136, 75
Decimal	7112751
CIELab	52.95, -24.02, 43.09
CIElCh	53, 49.333, 119.142
Yxy	21.0017, 0.3654, 0.4950
Android (android.graphics.Color)	4285302831 (0xFF6C882F)
YUV	117.4820, -34.7476, -8.3157
Hunter-Lab	45.8276, -19.8191, 24.4124

# Details

The Hex color **6C882F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4B2F88**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A2BD61**, and **395600** is the 20% darker color. If you saturate the color by 10%, you get **688821**, and if you desaturate by 10%, it is **70883D**.

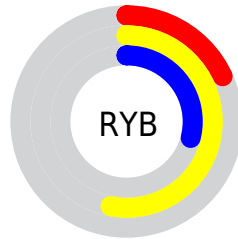
# Distribution



Red (42%)

Green (53%)

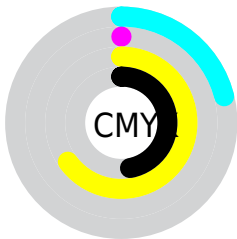
Blue (18%)



Red (18%)

Yellow (53%)

Blue (29%)

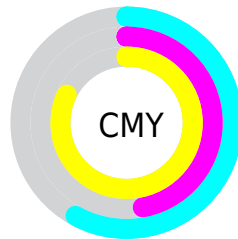


Cyan (21%)

Magenta (0%)

Yellow (65%)

Black (47%)



Cyan (58%)

Magenta (47%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C882F 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 6C882F by changing the saturation by 10% instead.





6C882F



6C882F

FFFFFF



526F15



A2BD61



395600



BDD97B



213F00



DAF696



042800



F7FFB1



001200



FFFFCD



000000



FFFEEA



6C882F



6C882F



688821



70883D

■ 638814

■ 75884A

■ 5F8806

■ 798858

■ 5D8800

■ 7D8865

■ 818873

■ 868881

■ 8A888E

■ 8E889C

■ 9388A9

# Harmonies

## Analogous

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



967C23



6C882F



308F51

# Triad

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



6C882F



008EC7



C95881

# Complementary

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



6C882F



4B2F88

# 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.



B162AB



6C882F



0084D3

# Square

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



6C882F



0092A7



7D74C9



CA5D58

# Rectangle

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



6C882F



00926D



7D74C9



C45A90



# Sweetspot

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



6C882F



A5B08D



884A2F



535944



D9D9D9



595959



# Same Dimension

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



6C882F



84B025



41882F



43453E



5B8500



030500



# Inverse Universe

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



4B2F88



5125B0



762F88



403E45



2A0085



020005



# Previews

## White Background



This preview shows how the Hex color 6C882F looks on a white background.

## Color Contrast Check

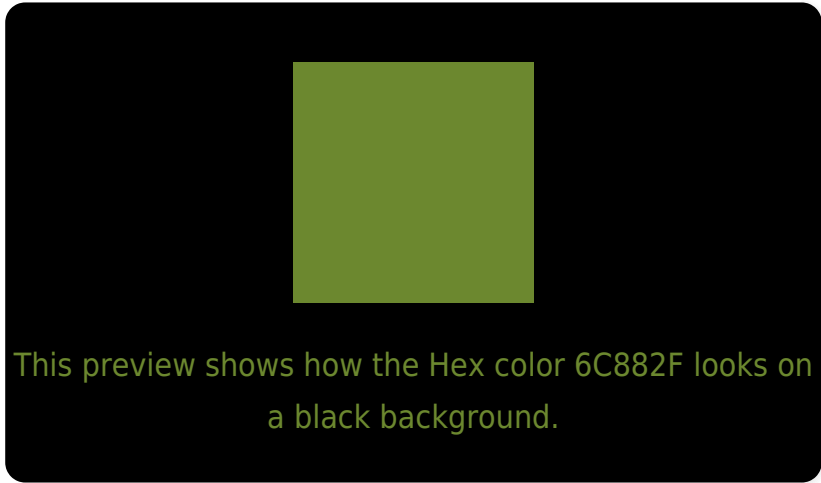
Large Text (above 18pt) WCAG AA ✓ Pass

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

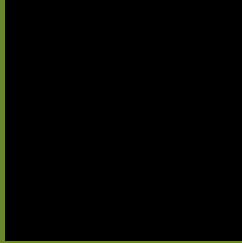
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6C882F Background



This preview shows how black text looks on a background with the Hex color 6C882F.



This preview shows how white text looks on a background with the Hex color 6C882F.

# 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**  
6C882F

**Protanopia**  
8D7E2C

**Deuteranopia**  
9D7834



**Tritanopia**  
777F89

# Trichromacy



**Original Color**  
6C882F

**Protanomaly**  
81822D

**Deuteranomaly**  
8B7E32

**Tritanomaly**  
738268

# Monochromacy



**Original Color**  
6C882F

**Achromatopsia**  
757575

**Achromatomaly**  
727C5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C882F 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 #6C882F looks like.

```
.text, #text, p{  
    color:#6C882F  
}
```

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 #6C882F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C882F
}
```

## Border

The CSS property to change the border of an element to Hex 6C882F is called "border". The border property can be set on classes, ids or directly on the HTML element.

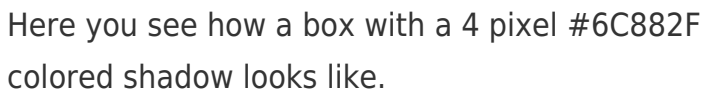
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C882F }
```

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

```
.border{ border-color:#6C882F }
```

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



Here you see how a box with a 4 pixel #6C882F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C882F; -webkit-box-shadow:4px 4px  
4px 4px #6C882F; box-shadow:4px 4px 4px  
4px #6C882F }
```

# Background

The CSS property to change the background color of an element to Hex 6C882F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C882F }
```

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

```
.background{ background-color:#6C882F }
```

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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