

Converting Colors

Hex(6A782F)

Have a look what the booklet for
Hex(6A782F) contains.

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Color

Hex(6A782F)

Conversions

Conversions Part 1

Format	Color
Hex	6A782F
RGB	106, 120, 47
RGB Percent	42%, 47%, 18%
CMY	0.5843, 0.5294, 0.8157
CMYK	0.12, 0.00, 0.61, 0.53
HSL	72°, 44%, 33%
HSV	72°, 61%, 47%
XYZ	13.1734, 16.7023, 5.2189
YIQ	107.4920, 15.0890, -25.6710

Conversions

Conversions Part 2

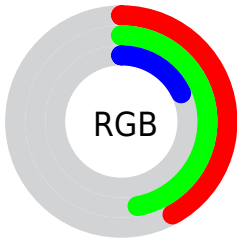
Format	Color
RYB	47, 120, 61
Decimal	6977583
CIELab	47.88, -16.60, 37.49
CIElCh	48, 41.004, 113.883
Yxy	16.7023, 0.3754, 0.4759
Android (android.graphics.Color)	4285167663 (0xFF6A782F)
YUV	107.4920, -29.8226, -1.3085
Hunter-Lab	40.8685, -13.9828, 21.0367

Details

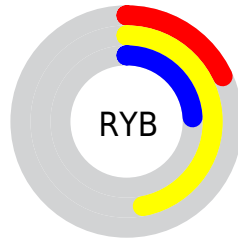
The Hex color **6A782F** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3D2F78**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **9FAC60**, and **384800** is the 20% darker color. If you saturate the color by 10%, you get **687823**, and if you desaturate by 10%, it is **6C783B**.

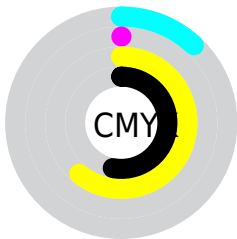
Distribution



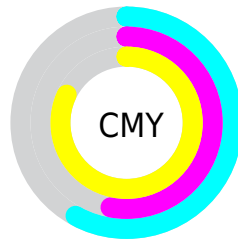
- Red (42%)
- Green (47%)
- Blue (18%)



- Red (18%)
- Yellow (47%)
- Blue (24%)



- Cyan (12%)
- Magenta (0%)
- Yellow (61%)
- Black (53%)



- Cyan (58%)
- Magenta (53%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A782F 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 6A782F by changing the saturation by 10% instead.



6A782F



6A782F

FFFFFF



515F16



9FAC60



384800



BBC87A



213100



D7E494



011D00



F4FFAF



000000



FFFFCB



FFFFE7



6A782F



6A782F



687823



6C783B

■ 657817

■ 6F7847

■ 63780B

■ 717853

■ 617800

■ 73785F

■ 76786B

■ 787877

■ 7A7883

■ 7C788F

■ 7F789B

Harmonies

Analogous

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



8B6D2A



6A782F



3F7F47

Triad

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



6A782F



007FA9



AD547A

Complementary

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



6A782F



3D2F78

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.



955E9B



6A782F



0177B6

Square

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



6A782F



00838D



686BB1



B15658

Rectangle

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



6A782F



05825D



686BB1



A85686

Sweetspot

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



6A782F



969C80



783C2F



4C4F3E



CFCFCF



4F4F4F

Same Dimension

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



6A782F



869C2A



46782F



3C3D37



657D00



CCFC00

Inverse Universe

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



3D2F78



402A9C



612F78



38373D



18007D



3000FC

Previews

White Background



This preview shows how the Hex color 6A782F looks on a white background.

Color Contrast Check

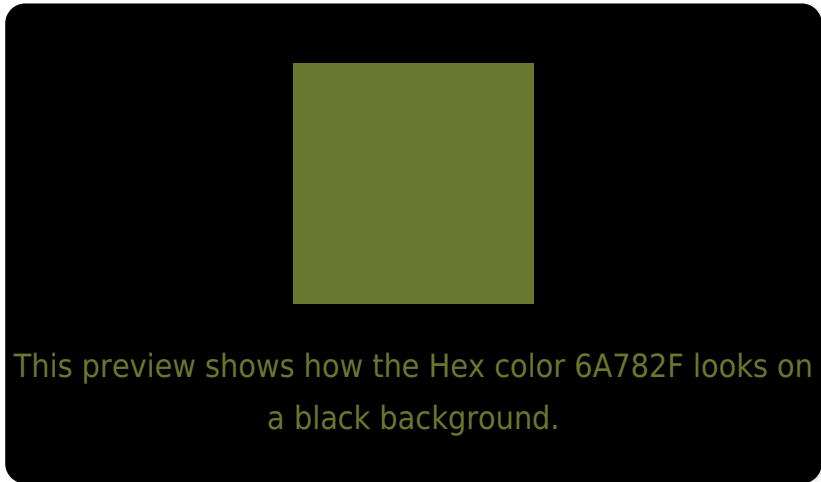
Large Text (above 18pt) WCAG AA ✓ Pass

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

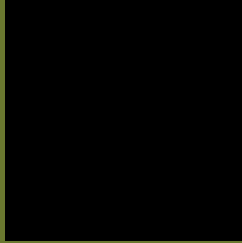
Any Text WCAG AA × Fail

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 6A782F Background



This preview shows how black text looks on a background with the Hex color 6A782F.



This preview shows how white text looks on a background with the Hex color 6A782F.

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
6A782F

Protanopia
7E722D

Deuteranopia
8C6C33



Tritanopia
727079

Trichromacy



Original Color
6A782F

Protanomaly
77742E

Deuteranomaly
807032

Tritanomaly
6F735E

Monochromacy



Original Color
6A782F

Achromatopsia
6B6B6B

Achromatomaly
6B7055

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A782F 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 #6A782F looks like.

```
.text, #text, p{  
    color:#6A782F  
}
```

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 #6A782F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A782F
}
```

Border

The CSS property to change the border of an element to Hex 6A782F is called "border". The border property can be set on classes, ids or directly on the HTML element.

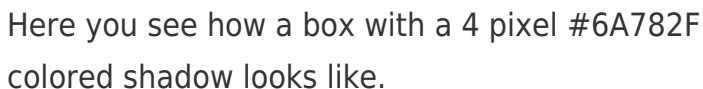
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A782F }
```

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

```
.border{ border-color:#6A782F }
```

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



Here you see how a box with a 4 pixel #6A782F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A782F; -webkit-box-shadow:4px 4px  
4px 4px #6A782F; box-shadow:4px 4px 4px  
4px #6A782F }
```

Background

The CSS property to change the background color of an element to Hex 6A782F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A782F }
```

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

```
.background{ background-color:#6A782F }
```

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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