

Converting Colors

Hex(6A701F)

Have a look what the booklet for
Hex(6A701F) contains.

Hex(6A701F)	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(6A701F)

Conversions

Conversions Part 1

Format	Color
Hex	6A701F
RGB	106, 112, 31
RGB Percent	42%, 44%, 12%
CMY	0.5843, 0.5608, 0.8784
CMYK	0.05, 0.00, 0.72, 0.56
HSL	64°, 57%, 28%
HSV	64°, 72%, 44%
XYZ	11.9854, 14.7514, 3.5119
YIQ	100.9720, 22.4250, -26.4630

Conversions

Conversions Part 2

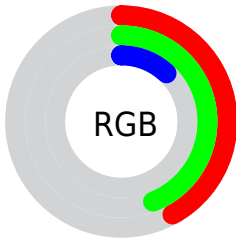
Format	Color
R_{YB}	31, 112, 37
Decimal	6975519
CIE Lab	45.29, -13.46, 42.01
CIE LCh	45, 44.115, 107.763
Yxy	14.7514, 0.3962, 0.4877
Android (android.graphics.Color)	4285165599 (0xFF6A701F)
YUV	100.9720, -34.4962, 4.4096
Hunter-Lab	38.4076, -11.5112, 21.4639

Details

The Hex color **6A701F** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **251F70**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **A0A451**, and **384000** is the 20% darker color. If you saturate the color by 10%, you get **697014**, and if you desaturate by 10%, it is **6B702A**.

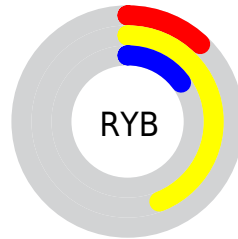
Distribution



Red (42%)

Green (44%)

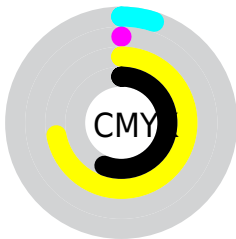
Blue (12%)



Red (12%)

Yellow (44%)

Blue (15%)

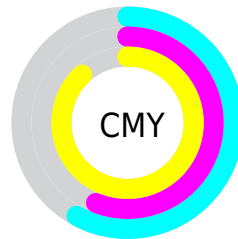


Cyan (5%)

Magenta (0%)

Yellow (72%)

Black (56%)



Cyan (58%)

Magenta (56%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A701F 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 6A701F by changing the saturation by 10% instead.



6A701F



6A701F

FFFFFF



505802



A0A451



384000



BBBF6A



1F2A00



D8DA84



001700



F5F79F



000000



FFFFBB



FFFFD7



FFFFF3



6A701F



6A701F

■ 697014

■ 6B702A

■ 687009

■ 6C7035

■ 687000

■ 6C7041

■ 6D704C

■ 6E7057

■ 6F7062

■ 70706D

■ 717079

■ 717084

Harmonies

Analogous

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



8C641F



6A701F



3F7837

Triad

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



6A701F



007BA1



A74C7C

Complementary

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



6A701F



251F70

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.



89589D



6A701F



0074B3

Square

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



6A701F



007D81



5168B1



AF4B57

Rectangle

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



6A701F



007B4E



5168B1



9F4F88

Sweetspot

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



6A701F



8F9171



70241F



494A37



C9C9C9



4A4A4A

Same Dimension

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



6A701F



889113



42701F



383832



6F7800



E5F700

Inverse Universe

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



251F70



1C1391



4D1F70



333238



090078



1200F7

Previews

White Background



This preview shows how the Hex color 6A701F looks on a white background.

Color Contrast Check

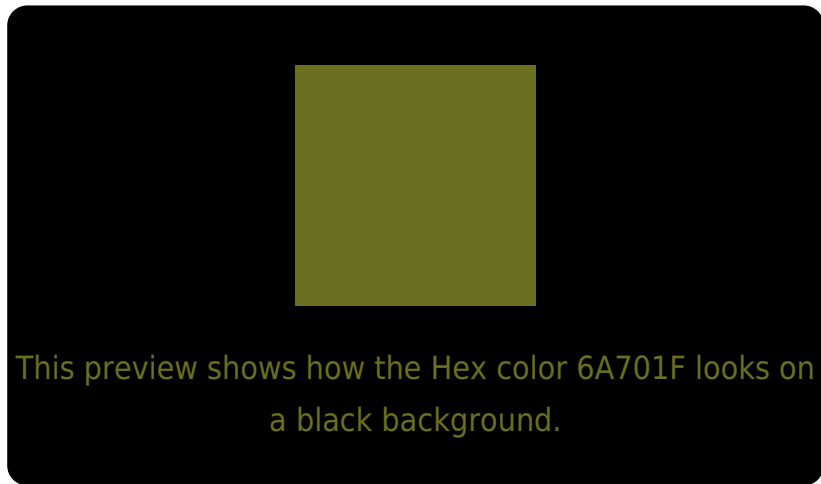
Large Text (above 18pt) WCAG AA ✓ Pass

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

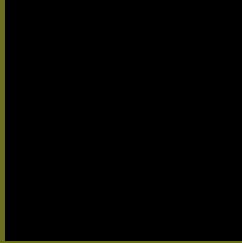
Any Text WCAG AA × Fail

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 6A701F Background



This preview shows how black text looks on a background with the Hex color 6A701F.



This preview shows how white text looks on a background with the Hex color 6A701F.

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
6A701F

Protanopia
786B1E

Deuteranopia
866623



Tritanopia
716971

Trichromacy



Original Color
6A701F

Protanomaly
736D1E

Deuteranomaly
7C6A22

Tritanomaly
6E6C53

Monochromacy



Original Color
6A701F

Achromatopsia
656565

Achromatomaly
67694C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A701F 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 #6A701F looks like.

```
.text, #text, p{  
    color:#6A701F  
}
```

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 #6A701F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A701F
}
```

Border

The CSS property to change the border of an element to Hex 6A701F 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
#6A701F }
```

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

```
.border{ border-color:#6A701F }
```

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

Here you see how a box with a 4 pixel #6A701F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A701F; -webkit-box-shadow:4px 4px  
4px 4px #6A701F; box-shadow:4px 4px 4px  
4px #6A701F }
```

Background

The CSS property to change the background color of an element to Hex 6A701F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A701F }
```

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

```
.background{ background-color:#6A701F }
```

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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