

Converting Colors

Hex(6F7129)

Have a look what the booklet for
Hex(6F7129) contains.

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Color

Hex(6F7129)

Conversions

Conversions Part 1

Format	Color
Hex	6F7129
RGB	111, 113, 41
RGB Percent	44%, 44%, 16%
CMY	0.5647, 0.5569, 0.8392
CMYK	0.02, 0.00, 0.64, 0.56
HSL	62°, 47%, 30%
HSV	62°, 64%, 44%
XYZ	12.8609, 15.3499, 4.3828
YIQ	104.1940, 21.9200, -22.8160

Conversions

Conversions Part 2

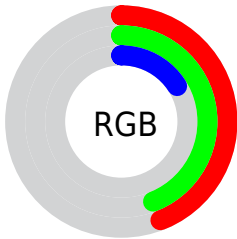
Format	Color
RYB	41, 113, 43
Decimal	7303465
CIELab	46.11, -11.02, 38.54
CIElCh	46, 40.088, 105.957
Yxy	15.3499, 0.3946, 0.4709
Android (android.graphics.Color)	4285493545 (0xFF6F7129)
YUV	104.1940, -31.1546, 5.9689
Hunter-Lab	39.1789, -9.9684, 20.7927

Details

The Hex color **6F7129** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2B2971**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **A5A55A**, and **3D4100** is the 20% darker color. If you saturate the color by 10%, you get **6F711E**, and if you desaturate by 10%, it is **6F7134**.

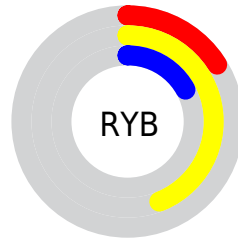
Distribution



Red (44%)

Green (44%)

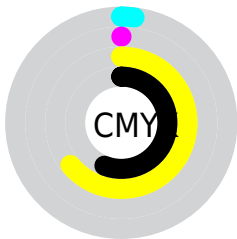
Blue (16%)



Red (16%)

Yellow (44%)

Blue (17%)

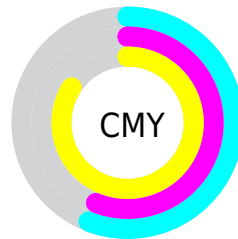


Cyan (2%)

Magenta (0%)

Yellow (64%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F7129 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 6F7129 by changing the saturation by 10% instead.



6F7129



6F7129

FFFFFF



555910



A5A55A



3D4100



C0C073



252B00



DDDB8D



061800



FAF8A8



000000



FFFFC4



FFFFE0



FFFFFFD



6F7129



6F7129

■ 6F711E

■ 6F7134

■ 6E7112

■ 707140

■ 6E7107

■ 70714B

■ 6E7100

■ 707156

■ 717162

■ 71716D

■ 717178

■ 727183

■ 72718F

Harmonies

Analogous

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



8E662A



6F7129



49793D

Triad

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



6F7129



007C9D



A3527E

Complementary

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



6F7129



2B2971

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.



865D9C



6F7129



0075AE

Square

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



6F7129



007E7F



546BAE



AC515D

Rectangle

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



6F7129



247C51



546BAE



9C5589

Sweetspot

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



6F7129



939478



712A29



494A39



C9C9C9



4A4A4A

Same Dimension

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



6F7129



919423



4C7129



383832



757800



F0F700

Inverse Universe

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



2B2971



272394



4E2971



333238



030078



0700F7

Previews

White Background



This preview shows how the Hex color 6F7129 looks on a white background.

Color Contrast Check

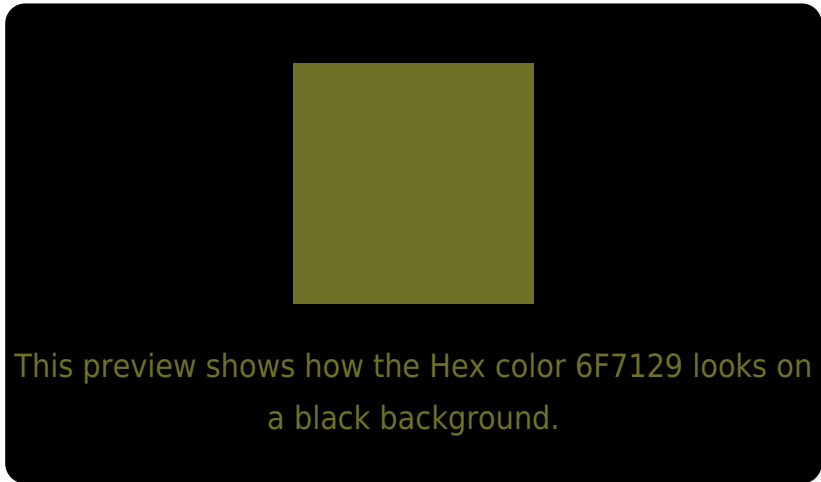
Large Text (above 18pt) WCAG AA ✓ Pass

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

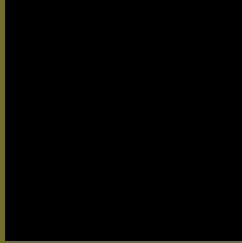
Any Text WCAG AA × Fail

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 6F7129 Background



This preview shows how black text looks on a background with the Hex color 6F7129.



This preview shows how white text looks on a background with the Hex color 6F7129.

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
6F7129

Protanopia
7A6D28

Deuteranopia
88682C



Tritanopia
766A72

Trichromacy



Original Color
6F7129

Protanomaly
766E28

Deuteranomaly
7F6B2B

Tritanomaly
736D57

Monochromacy



Original Color
6F7129

Achromatopsia
686868

Achromatomaly
6B6B51

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F7129 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 #6F7129 looks like.

```
.text, #text, p{  
    color:#6F7129  
}
```

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 #6F7129 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F7129
}
```

Border

The CSS property to change the border of an element to Hex 6F7129 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
#6F7129 }
```

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

```
.border{ border-color:#6F7129 }
```

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

Here you see how a box with a 4 pixel #6F7129 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F7129; -webkit-box-shadow:4px 4px  
4px 4px #6F7129; box-shadow:4px 4px 4px  
4px #6F7129 }
```

Background

The CSS property to change the background color of an element to Hex 6F7129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F7129 }
```

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

```
.background{ background-color:#6F7129 }
```

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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