

Converting Colors

Hex(6C870F)

Have a look what the booklet for
Hex(6C870F) contains.

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Color

Hex(6C870F)

Conversions

Conversions Part 1

Format	Color
Hex	6C870F
RGB	108, 135, 15
RGB Percent	42%, 53%, 6%
CMY	0.5765, 0.4706, 0.9412
CMYK	0.20, 0.00, 0.89, 0.47
HSL	74°, 80%, 29%
HSV	74°, 89%, 53%
XYZ	14.9345, 20.5506, 3.6315
YIQ	113.2470, 22.4280, -43.0440

Conversions

Conversions Part 2

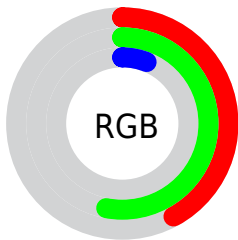
Format	Color
RYB	15, 135, 42
Decimal	7112463
CIELab	52.45, -25.25, 53.65
CIELCh	52, 59.293, 115.208
Yxy	20.5506, 0.3818, 0.5254
Android (android.graphics.Color)	4285302543 (0xFF6C870F)
YUV	113.2470, -48.4358, -4.6016
Hunter-Lab	45.3327, -20.5268, 26.9834

Details

The Hex color **6C870F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **2A0F87**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **A3BC4A**, and **385500** is the 20% darker color. If you saturate the color by 10%, you get **698702**, and if you desaturate by 10%, it is **6F871D**.

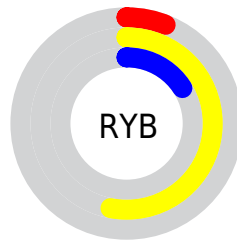
Distribution



Red (42%)

Green (53%)

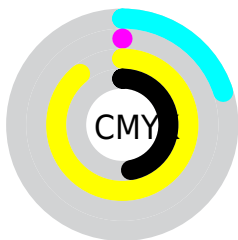
Blue (6%)



Red (6%)

Yellow (53%)

Blue (16%)

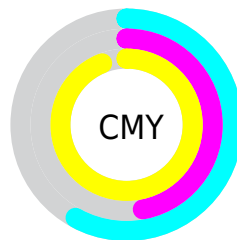


Cyan (20%)

Magenta (0%)

Yellow (89%)

Black (47%)



Cyan (58%)

Magenta (47%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C870F 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 6C870F by changing the saturation by 10% instead.



6C870F



6C870F

FFFFFF



516E00



A3BC4A



385500



BFD864



1D3E00



DCF57F



002800



F9FF9A



001000



FFFFB6



000000



FFFFD2



FFFFEF



6C870F



6C870F

■ 698702

■ 6F871D

■ 698700

■ 72872A

■ 758738

■ 788745

■ 7B8753

■ 7E8760

■ 81876E

■ 84877B

■ 878789

Harmonies

Analogous

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



9D7800



6C870F



1D903F

Triad

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



6C870F



0090D0



D34A88

Complementary

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



6C870F



2A0F87

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.



B25CB8



6C870F



0086E3

Square

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



6C870F



0095A7



6C73DA



D64F55

Rectangle

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



6C870F



009361



6C73DA



CC4E99

Sweetspot

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



6C870F



A5B080



87290F



53593D



D9D9D9



595959

Same Dimension

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



6C870F



88B000



31870F



41423C



658200



020300

Inverse Universe

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



2A0F87



2800B0



650F87



3D3C42



1D0082



010003

Previews

White Background



This preview shows how the Hex color 6C870F looks on a white background.

Color Contrast Check

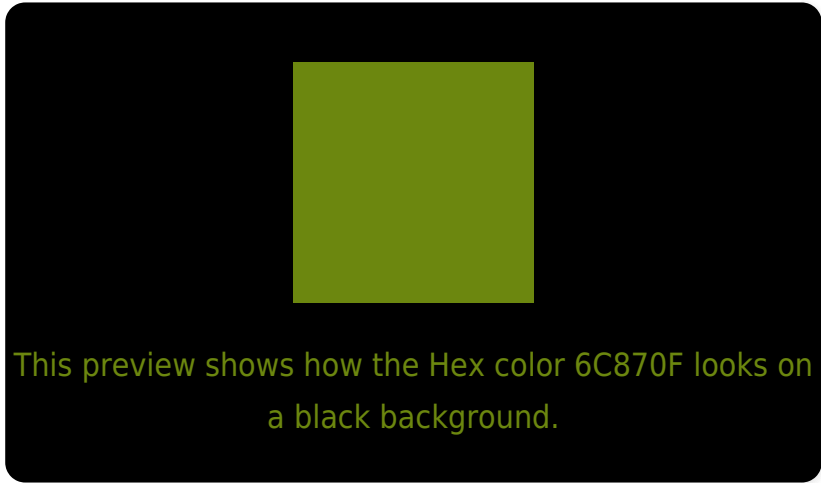
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C870F Background



This preview shows how black text looks on a background with the Hex color 6C870F.



This preview shows how white text looks on a background with the Hex color 6C870F.

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
6C870F

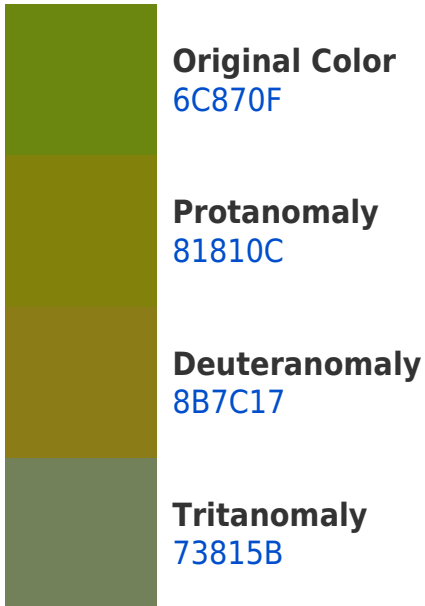
Protanopia
8D7D0B

Deuteranopia
9D761C



Tritanopia
777E87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C870F 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 #6C870F looks like.

```
.text, #text, p{  
    color:#6C870F  
}
```

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 #6C870F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C870F
}
```

Border

The CSS property to change the border of an element to Hex 6C870F 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
#6C870F }
```

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

```
.border{ border-color:#6C870F }
```

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

Here you see how a box with a 4 pixel #6C870F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C870F; -webkit-box-shadow:4px 4px  
4px 4px #6C870F; box-shadow:4px 4px 4px  
4px #6C870F }
```

Background

The CSS property to change the background color of an element to Hex 6C870F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C870F }
```

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

```
.background{ background-color:#6C870F }
```

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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