

Converting Colors

Hex(67711F)

Have a look what the booklet for
Hex(67711F) contains.

Hex(67711F)	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(67711F)

Conversions

Conversions Part 1

Format	Color
Hex	67711F
RGB	103, 113, 31
RGB Percent	40%, 44%, 12%
CMY	0.5961, 0.5569, 0.8784
CMYK	0.09, 0.00, 0.73, 0.56
HSL	67°, 57%, 28%
HSV	67°, 73%, 44%
XYZ	11.7460, 14.7927, 3.5325
YIQ	100.6620, 20.3620, -27.6220

Conversions

Conversions Part 2

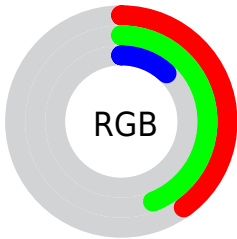
Format	Color
RYB	31, 113, 41
Decimal	6779167
CIELab	45.35, -15.39, 41.99
CIELCh	45, 44.716, 110.125
Yxy	14.7927, 0.3906, 0.4919
Android (android.graphics.Color)	4284969247 (0xFF67711F)
YUV	100.6620, -34.3434, 2.0504
Hunter-Lab	38.4613, -12.7940, 21.4774

Details

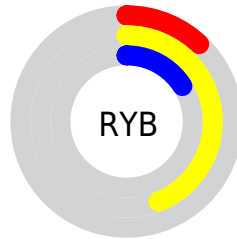
The Hex color **67711F** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **291F71**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **9CA551**, and **354100** is the 20% darker color. If you saturate the color by 10%, you get **667114**, and if you desaturate by 10%, it is **68712A**.

Distribution



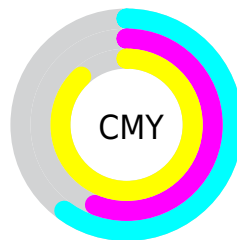
- Red (40%)
- Green (44%)
- Blue (12%)



- Red (12%)
- Yellow (44%)
- Blue (16%)



- Cyan (9%)
- Magenta (0%)
- Yellow (73%)
- Black (56%)



- Cyan (60%)
- Magenta (56%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67711F 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 67711F by changing the saturation by 10% instead.



67711F



67711F

FFFFFF



4D5902



9CA551



354100



B8C06A



1D2B00



D4DC84



001800



F1F89F



000000



FFFFBB



FFFFD7



FFFFF3



67711F



67711F

■ 667114

■ 68712A

■ 647108

■ 6A7136

■ 637100

■ 6B7141

■ 6D714C

■ 6E7158

■ 6F7163

■ 71716E

■ 727179

■ 737185

Harmonies

Analogous

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



8A651D



67711F



3A7939

Triad

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



67711F



007BA4



A94B79

Complementary

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



67711F



291F71

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.



8D579C



67711F



0073B5

Square

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



67711F



007D84



5667B2



B04B54

Rectangle

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



67711F



007C51



5667B2



A24E86

Sweetspot

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



67711F



909473



71291F



484A37



C9C9C9



4A4A4A

Same Dimension

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



67711F



849413



3E711F



373832



697800



D9F700

Inverse Universe

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



291F71



231394



521F71



333238



0F0078



1E00F7

Previews

White Background



This preview shows how the Hex color 67711F looks on a white background.

Color Contrast Check

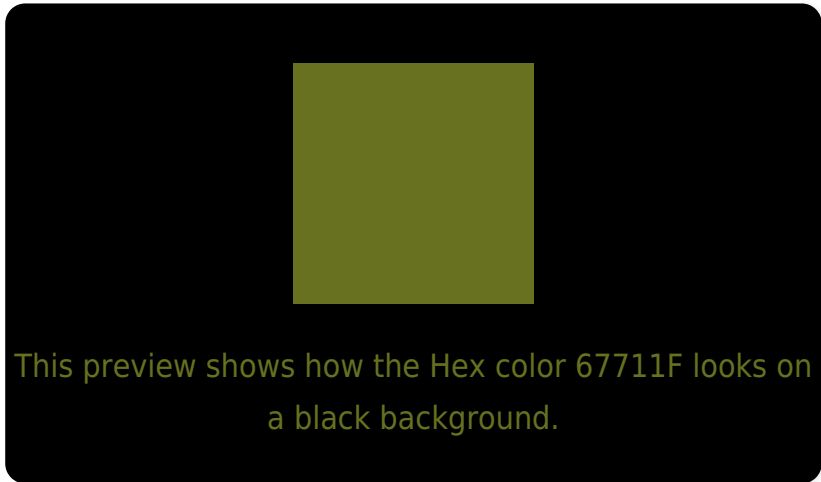
Large Text (above 18pt) WCAG AA ✓ Pass

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

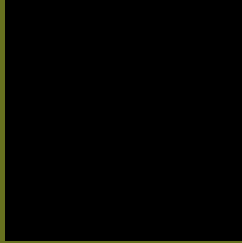
Any Text WCAG AA × Fail

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 67711F Background



This preview shows how black text looks on a background with the Hex color 67711F.



This preview shows how white text looks on a background with the Hex color 67711F.

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
67711F

Protanopia
786B1E

Deuteranopia
866623



Tritanopia
6F6972

Trichromacy



Original Color
67711F

Protanomaly
726D1E

Deuteranomaly
7B6A22

Tritanomaly
6C6C54

Monochromacy



Original Color
67711F

Achromatopsia
656565

Achromatomaly
66694C

CSS Examples

Text

The CSS property to change the color of the text to Hex 67711F 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 #67711F looks like.

```
.text, #text, p{  
    color:#67711F  
}
```

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 #67711F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67711F
}
```

Border

The CSS property to change the border of an element to Hex 67711F 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
#67711F }
```

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

```
.border{ border-color:#67711F }
```

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

Here you see how a box with a 4 pixel #67711F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67711F; -webkit-box-shadow:4px 4px  
4px 4px #67711F; box-shadow:4px 4px 4px  
4px #67711F }
```

Background

The CSS property to change the background color of an element to Hex 67711F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67711F }
```

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

```
.background{ background-color:#67711F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor