

Converting Colors

Hex(67841F)

Have a look what the booklet for
Hex(67841F) contains.

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Color

Hex(67841F)

Conversions

Conversions Part 1

Format	Color
Hex	67841F
RGB	103, 132, 31
RGB Percent	40%, 52%, 12%
CMY	0.5961, 0.4824, 0.8784
CMYK	0.22, 0.00, 0.77, 0.48
HSL	77°, 62%, 32%
HSV	77°, 77%, 52%
XYZ	14.0921, 19.4850, 4.3146
YIQ	111.8150, 15.1370, -37.5590

Conversions

Conversions Part 2

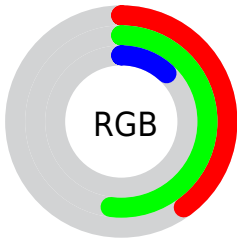
Format	Color
R_{YB}	31, 132, 60
Decimal	6784031
CIE _{Lab}	51.25, -25.23, 47.76
CIE _{LCh}	51, 54.019, 117.848
Yxy	19.4850, 0.3719, 0.5142
Android (android.graphics.Color)	4284974111 (0xFF67841F)
YUV	111.8150, -39.8418, -7.7308
Hunter-Lab	44.1418, -20.2628, 25.1041

Details

The Hex color **67841F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **3C1F84**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **9DB953**, and **345200** is the 20% darker color. If you saturate the color by 10%, you get **638412**, and if you desaturate by 10%, it is **6B842C**.

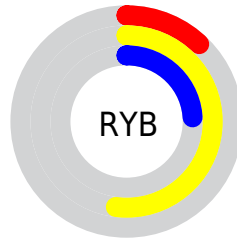
Distribution



Red (40%)

Green (52%)

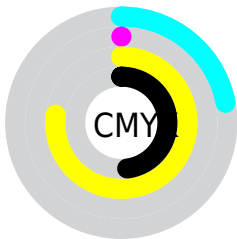
Blue (12%)



Red (12%)

Yellow (52%)

Blue (24%)

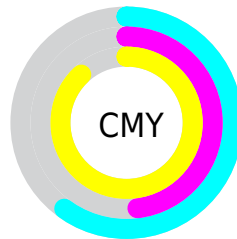


Cyan (22%)

Magenta (0%)

Yellow (77%)

Black (48%)



Cyan (60%)

Magenta (48%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67841F 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 67841F by changing the saturation by 10% instead.



67841F



67841F

FFFFFF



4D6B00



9DB953



345200



B9D56D



1A3B00



D5F188



002500



F2FFA3



000900



FFFFBF



000000



FFFADB



FFFFF8



67841F



67841F

■ 638412

■ 6B842C

■ 5F8405

■ 6F8439

■ 5E8400

■ 728447

■ 768454

■ 7A8461

■ 7E846E

■ 82847B

■ 858489

■ 898496

Harmonies

Analogous

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



947710



67841F



1F8C46

Triad

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



67841F



008BC8



CA4E7F

Complementary

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



67841F



3C1F84

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.



AF5BAC



67841F



0080D7

Square

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



67841F



0090A4



746FCC



CB5352

Rectangle

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



67841F



008F65



746FCC



C4508F

Sweetspot

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



67841F



A0AB84



843C1F



50573E



D6D6D6



575757

Same Dimension

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



67841F



7EAB0E



35841F



40423C



5D8200



020300

Inverse Universe

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



3C1F84



3B0EAB



6E1F84



3E3C42



250082



010003

Previews

White Background



This preview shows how the Hex color 67841F looks on a white background.

Color Contrast Check

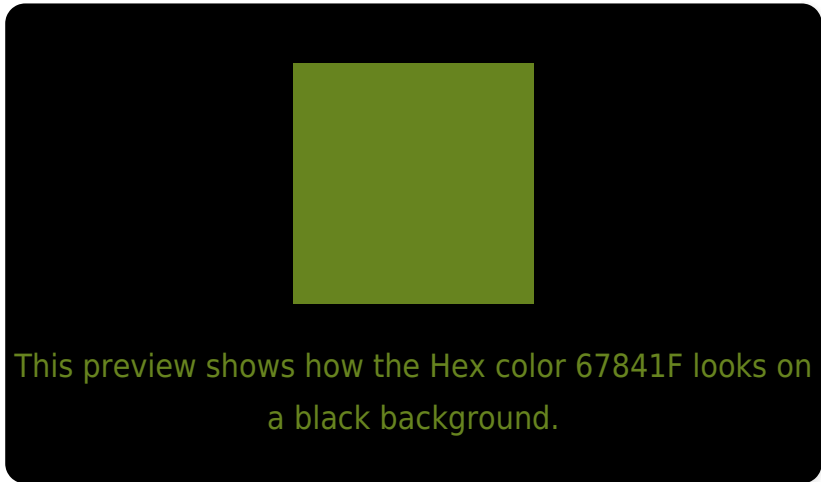
Large Text (above 18pt) WCAG AA ✓ Pass

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 67841F Background



This preview shows how black text looks on a background with the Hex color 67841F.



This preview shows how white text looks on a background with the Hex color 67841F.

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
67841F

Protanopia
897A1C

Deuteranopia
997426



Tritanopia
727B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67841F 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 #67841F looks like.

```
.text, #text, p{  
    color:#67841F  
}
```

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 #67841F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67841F
}
```

Border

The CSS property to change the border of an element to Hex 67841F 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
#67841F }
```

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

```
.border{ border-color:#67841F }
```

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

Here you see how a box with a 4 pixel #67841F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67841F; -webkit-box-shadow:4px 4px  
4px 4px #67841F; box-shadow:4px 4px 4px  
4px #67841F }
```

Background

The CSS property to change the background color of an element to Hex 67841F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67841F }
```

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

```
.background{ background-color:#67841F }
```

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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