

Converting Colors

Hex(67841D)

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

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Color

Hex(67841D)

Conversions

Conversions Part 1

Format	Color
Hex	67841D
RGB	103, 132, 29
RGB Percent	40%, 52%, 11%
CMY	0.5961, 0.4824, 0.8863
CMYK	0.22, 0.00, 0.78, 0.48
HSL	77°, 64%, 32%
HSV	77°, 78%, 52%
XYZ	14.0666, 19.4748, 4.1800
YIQ	111.5870, 15.7790, -38.1810

Conversions

Conversions Part 2

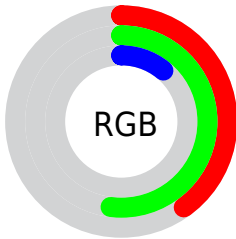
Format	Color
R _Y B	29, 132, 58
Decimal	6784029
CIE Lab	51.24, -25.34, 48.46
CIE LCh	51, 54.686, 117.609
Yxy	19.4748, 0.3729, 0.5163
Android (android.graphics.Color)	4284974109 (0xFF67841D)
YUV	111.5870, -40.7154, -7.5308
Hunter-Lab	44.1303, -20.3310, 25.2752

Details

The Hex color **67841D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **3A1D84**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **9DB952**, and **345200** is the 20% darker color. If you saturate the color by 10%, you get **638410**, and if you desaturate by 10%, it is **6B842A**.

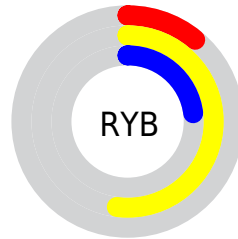
Distribution



Red (40%)

Green (52%)

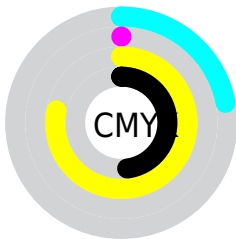
Blue (11%)



Red (11%)

Yellow (52%)

Blue (23%)

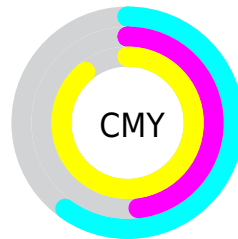


Cyan (22%)

Magenta (0%)

Yellow (78%)

Black (48%)



Cyan (60%)

Magenta (48%)

Yellow (89%)

Brightness & Saturation Gradients

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



67841D



67841D

FFFFFF



4D6B00



9DB952



345200



B9D56C



193B00



D5F186



002500



F2FFA1



000800



FFFFBD



000000



FFFFD9



FFFFF6



67841D



67841D

■ 638410

■ 6B842A

■ 608403

■ 6E8437

■ 5F8400

■ 728445

■ 768452

■ 7A845F

■ 7D846C

■ 818479

■ 858487

■ 888494

Harmonies

Analogous

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



95770D



67841D



1E8C45

Triad

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



67841D



008BC8



CB4D80

Complementary

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



67841D



3A1D84

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.



AF5AAD



67841D



0081D8

Square

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



67841D



0090A4



736FCD



CC5252

Rectangle

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



67841D



008F64



736FCD



C54F8F

Sweetspot

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



67841D



A0AB84



84381D



50573E



D6D6D6



575757

Same Dimension

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



67841D



7EAB0A



35841D



40423C



5D8200



020300

Inverse Universe

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



3A1D84



370AAB



6C1D84



3E3C42



250082



010003

Previews

White Background



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

Color Contrast Check

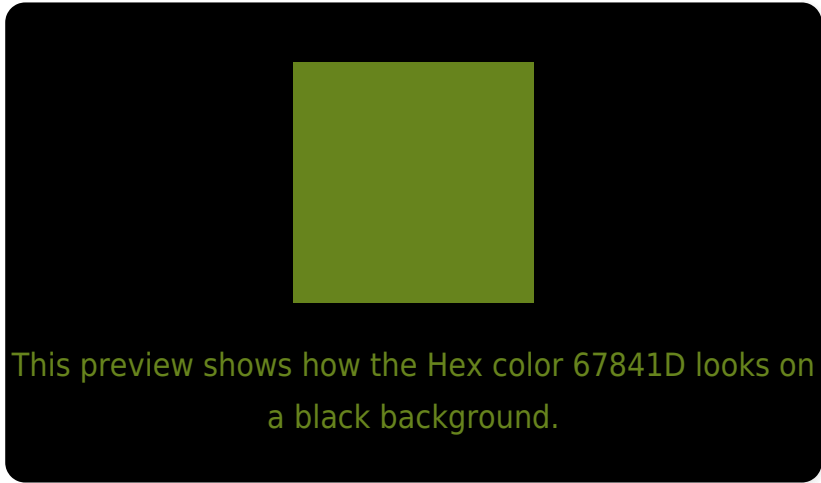
Large Text (above 18pt) WCAG AA ✓ Pass

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 67841D Background



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

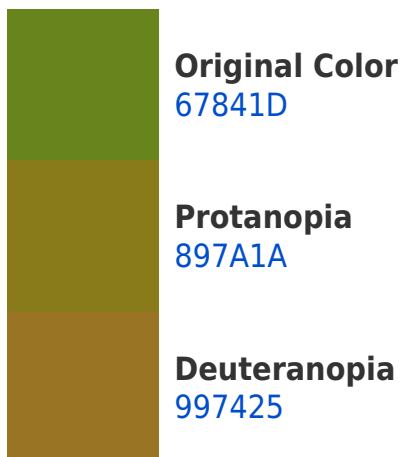


This preview shows how white text looks on a background with the Hex color 67841D.

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





Tritanopia
727B85

Trichromacy



Original Color
67841D

Protanomaly
7D7E1B

Deuteranomaly
877A22

Tritanomaly
6E7E5F

Monochromacy



Original Color
67841D

Achromatopsia
707070

Achromatomaly
6D7752

CSS Examples

Text

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

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

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 #67841D colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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