

Converting Colors

Hex(67B00A)

Have a look what the booklet for
Hex(67B00A) contains.

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Color

Hex(67B00A)

Conversions

Conversions Part 1

Format	Color
Hex	67B00A
RGB	103, 176, 10
RGB Percent	40%, 69%, 4%
CMY	0.5961, 0.3098, 0.9608
CMYK	0.41, 0.00, 0.94, 0.31
HSL	86°, 89%, 36%
HSV	86°, 94%, 69%
XYZ	21.1736, 33.9561, 5.7254
YIQ	135.2490, 9.7780, -67.1020

Conversions

Conversions Part 2

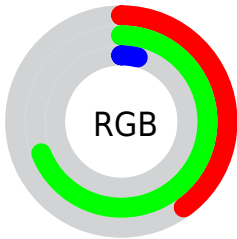
Format	Color
RYB	10, 176, 83
Decimal	6795274
CIELab	64.93, -45.72, 64.60
CIELCh	65, 79.147, 125.290
Yxy	33.9561, 0.3479, 0.5580
Android (android.graphics.Color)	4284985354 (0xFF67B00A)
YUV	135.2490, -61.7478, -28.2824
Hunter-Lab	58.2719, -37.1162, 34.9649

Details

The Hex color **67B00A** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **530AB0**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **A0E84F**, and **2B7B00** is the 20% darker color. If you saturate the color by 10%, you get **63B000**, and if you desaturate by 10%, it is **6FB01C**.

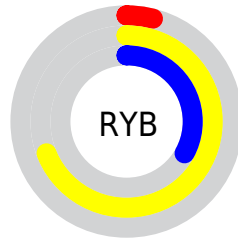
Distribution



Red (40%)

Green (69%)

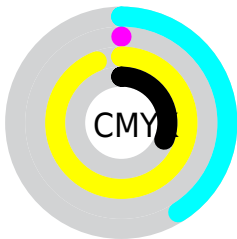
Blue (4%)



Red (4%)

Yellow (69%)

Blue (33%)

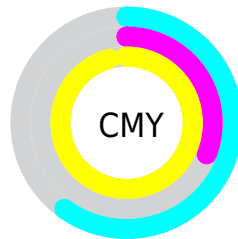


Cyan (41%)

Magenta (0%)

Yellow (94%)

Black (31%)



Cyan (60%)

Magenta (31%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67B00A 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 67B00A by changing the saturation by 10% instead.

 67B00A

 67B00A

FFFFFF

 4A9500

 A0E84F

 2B7B00

 BDF66B

 006100

 DBFF87

 004900

 F8FFA3

 003100

 FFFFC0

 001A00

 FFFFDD

 000000

 FFFFFA

 67B00A

 67B00A

■ 63B000

■ 6FB01C

■ 76B02D

■ 7EB03F

■ 86B050

■ 8EB062

■ 95B074

■ 9DB085

■ A5B097

■ ADB0A8

Harmonies

Analogous

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



B29F00



67B00A



00B95F

Triad

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



67B00A



00B4FF



FF4D94

Complementary

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



67B00A



530AB0

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.



FB60DA



67B00A



00A2FF

Square

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



67B00A



00BCEE



AC84FF



FF6250

Rectangle

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



67B00A



00BC90



AC84FF



FF4FAC

Sweetspot

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



67B00A



C9E6A5



B0520A



62734C



F2F2F2



737373

Same Dimension

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



67B00A



81E600



15B00A



555950



569900



0E1A00

Inverse Universe

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



530AB0



6500E6



A50AB0



545059



430099



0B001A

Previews

White Background



This preview shows how the Hex color 67B00A looks on a white background.

Color Contrast Check

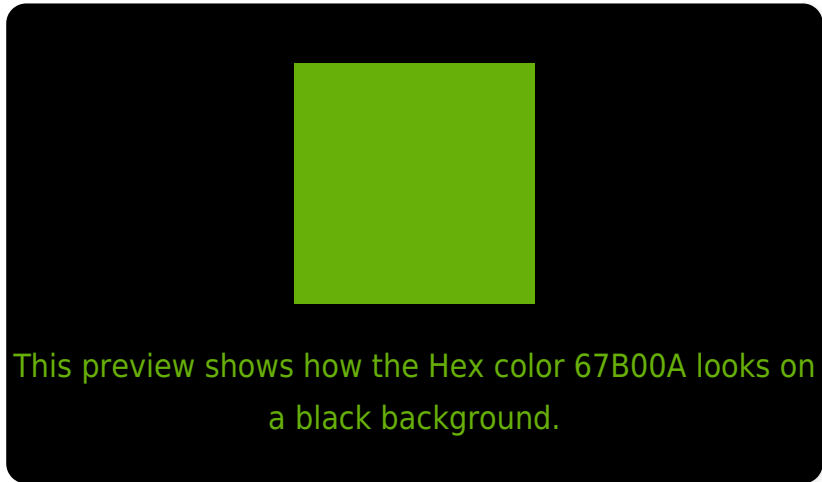
Large Text (above 18pt) WCAG AA × Fail

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

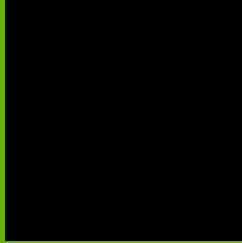
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 67B00A Background



This preview shows how black text looks on a background with the Hex color 67B00A.



This preview shows how white text looks on a background with the Hex color 67B00A.

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
67B00A

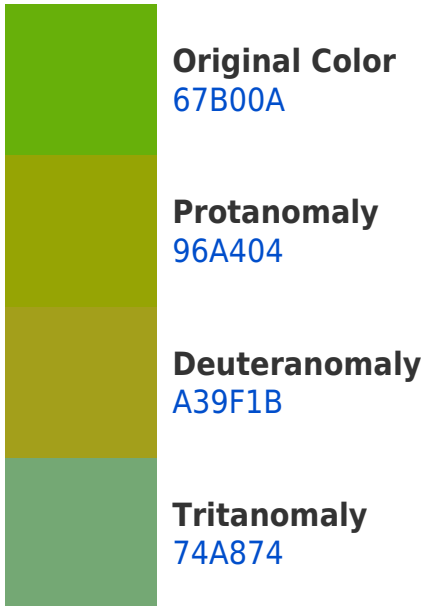
Protanopia
B19D00

Deuteranopia
C59524

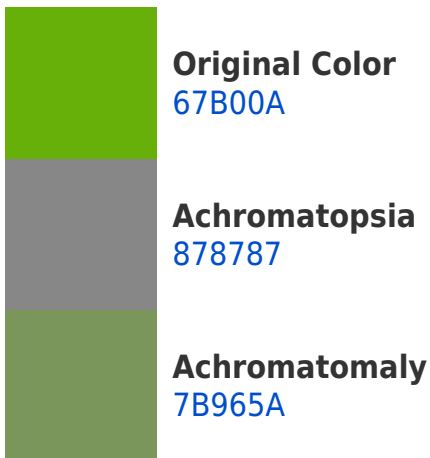


Tritanopia
7BA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67B00A 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 #67B00A looks like.

```
.text, #text, p{  
    color:#67B00A  
}
```

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 #67B00A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67B00A
}
```

Border

The CSS property to change the border of an element to Hex 67B00A 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
#67B00A }
```

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

```
.border{ border-color:#67B00A }
```

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

Here you see how a box with a 4 pixel #67B00A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67B00A; -webkit-box-shadow:4px 4px  
4px 4px #67B00A; box-shadow:4px 4px 4px  
4px #67B00A }
```

Background

The CSS property to change the background color of an element to Hex 67B00A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67B00A }
```

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

```
.background{ background-color:#67B00A }
```

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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