

Converting Colors

Hex(67B100)

Have a look what the booklet for
Hex(67B100) contains.

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Color

Hex(67B100)

Conversions

Conversions Part 1

Format	Color
Hex	67B100
RGB	103, 177, 0
RGB Percent	40%, 69%, 0%
CMY	0.5961, 0.3059, 1.0000
CMYK	0.42, 0.00, 1.00, 0.31
HSL	85°, 100%, 35%
HSV	85°, 100%, 69%
XYZ	21.3157, 34.3278, 5.5025
YIQ	134.6960, 12.7130, -70.7350

Conversions

Conversions Part 2

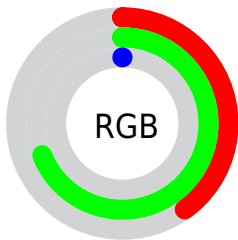
Format	Color
RYB	0, 177, 74
Decimal	6795520
CIELab	65.22, -46.32, 66.10
CIELCh	65, 80.708, 125.021
Yxy	34.3278, 0.3486, 0.5614
Android (android.graphics.Color)	4284985600 (0xFF67B100)
YUV	134.6960, -66.4051, -27.7974
Hunter-Lab	58.5900, -37.5922, 35.4447

Details

The Hex color **67B100** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **4A00B1**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **A0E94C**, and **2B7C00** is the 20% darker color. If you saturate the color by 10%, you get **67B100**, and if you desaturate by 10%, it is **6EB112**.

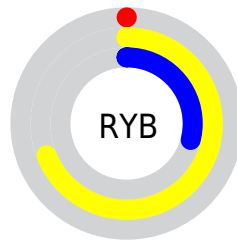
Distribution



Red (40%)

Green (69%)

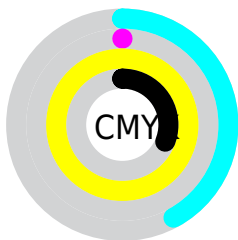
Blue (0%)



Red (0%)

Yellow (69%)

Blue (29%)

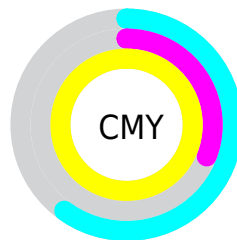


Cyan (42%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (60%)

Magenta (31%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67B100 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 67B100 by changing the saturation by 10% instead.

 67B100

 67B100

FFFFFF

 4A9600

 A0E94C

 2B7C00

 BEFF69

 006200

 DBFF85

 004900

 F9FFA1

 003200

 FFFFBD

 001B00

 FFFFDA

 000000

 FFFFF8

 67B100

 6EB112

 76B123

 7DB135

 85B147

 8CB159

 93B16A

 9BB17C

 A2B18E

 AAB19F

Harmonies

Analogous

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



B39F00



67B100



00BB5D

Triad

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



67B100



00B6FF



FF4B95

Complementary

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



67B100



4A00B1

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.



FD5FDD



67B100



00A4FF

Square

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



67B100



00BDF0



AC85FF



FF604F

Rectangle

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



67B100



00BE90



AC85FF



FF4DAE

Sweetspot

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



67B100



C9E6A1



B14A00



617349



F2F2F2



737373

Same Dimension

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



67B100



86E600



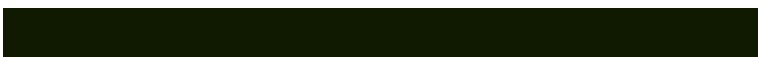
0FB100



565950



599900



0F1A00

Inverse Universe

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



4A00B1



6000E6



A200B1



545059



400099



0B001A

Previews

White Background



This preview shows how the Hex color 67B100 looks on a white background.

Color Contrast Check

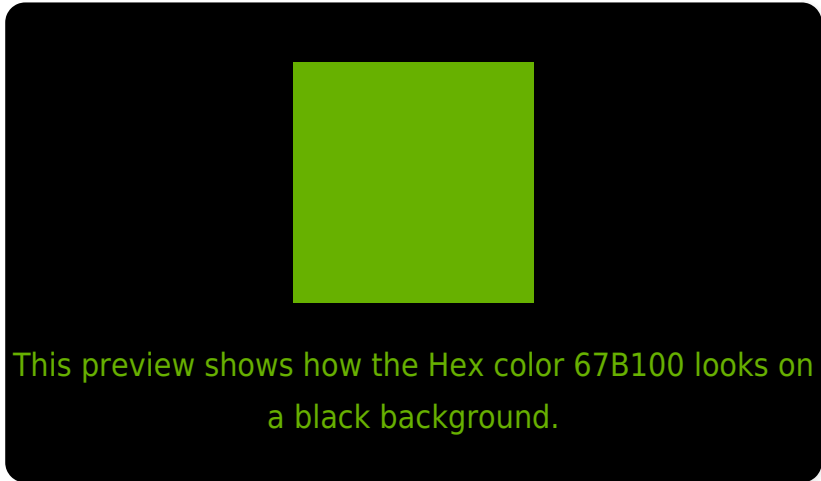
Large Text (above 18pt) WCAG AA × Fail

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 67B100 Background



This preview shows how black text looks on a background with the Hex color 67B100.

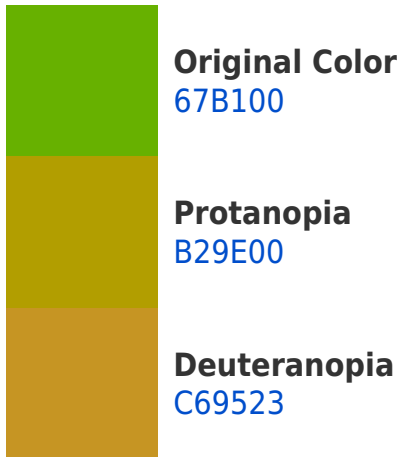


This preview shows how white text looks on a background with the Hex color 67B100.

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
7BA5B2

Trichromacy



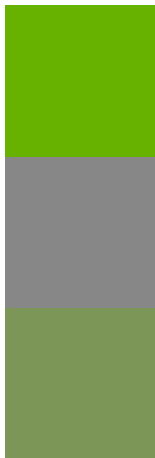
Original Color
67B100

Protanomaly
97A500

Deuteranomaly
A39F16

Tritanomaly
74A971

Monochromacy



Original Color
67B100

Achromatopsia
878787

Achromatomaly
7B9656

CSS Examples

Text

The CSS property to change the color of the text to Hex 67B100 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 #67B100 looks like.

```
.text, #text, p{  
    color:#67B100  
}
```

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 #67B100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67B100
}
```

Border

The CSS property to change the border of an element to Hex 67B100 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
#67B100 }
```

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

```
.border{ border-color:#67B100 }
```

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

Here you see how a box with a 4 pixel #67B100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67B100; -webkit-box-shadow:4px 4px  
4px 4px #67B100; box-shadow:4px 4px 4px  
4px #67B100 }
```

Background

The CSS property to change the background color of an element to Hex 67B100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67B100 }
```

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

```
.background{ background-color:#67B100 }
```

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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