

Converting Colors

Hex(B67F00)

Have a look what the booklet for
Hex(B67F00) contains.

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Color

Hex(B67F00)

Conversions

Conversions Part 1

Format	Color
Hex	B67F00
RGB	182, 127, 0
RGB Percent	71%, 50%, 0%
CMY	0.2863, 0.5020, 1.0000
CMYK	0.00, 0.30, 1.00, 0.29
HSL	42°, 100%, 36%
HSV	42°, 100%, 71%
XYZ	26.8808, 25.1238, 3.4326
YIQ	128.9670, 73.5470, -27.8370

Conversions

Conversions Part 2

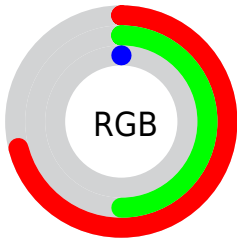
Format	Color
R_{YB}	79, 182, 0
Decimal	11960064
CIE Lab	57.20, 12.70, 63.02
CIE LCh	57, 64.286, 78.606
Yxy	25.1238, 0.4849, 0.4532
Android (android.graphics.Color)	4290150144 (0xFFB67F00)
YUV	128.9670, -63.5807, 46.5099
Hunter-Lab	50.1237, 8.0112, 31.0262

Details

The Hex color **B67F00** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **0037B6**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **F3B444**, and **7C4E00** is the 20% darker color. If you saturate the color by 10%, you get **B67F00**, and if you desaturate by 10%, it is **B68512**.

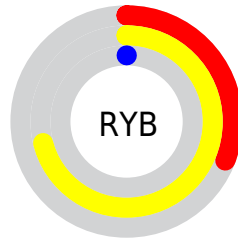
Distribution



Red (71%)

Green (50%)

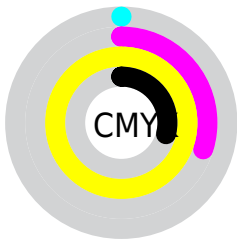
Blue (0%)



Red (31%)

Yellow (71%)

Blue (0%)

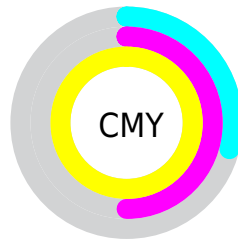


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B67F00 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 B67F00 by changing the saturation by 10% instead.

 B67F00

 B67F00

FFFFFF

 986600

 F3B444

 7C4E00

 FFCF5F

 5F3800

 FFEB7A

 442200

 FFFF96

 2A0E00

 FFFFB1

 020000

 FFFFCE


 000000

 FFFFEB

 B67F00

 B68512

 B68A24

 B69037

 B69549

 B69B5B

 B6A06D

 B6A67F

 B6AB92

 B6B1A4

Harmonies

Analogous

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



DC6736



B67F00



839100

Triad

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



B67F00



00A3AC



B76AD4

Complementary

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



B67F00



0037B6

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.



5B83F4



B67F00



00A0DD

Square

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



B67F00



00A271



0096F8



E353A1

Rectangle

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



B67F00



589927



0096F8



A073E2

Sweetspot

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



B67F00



EDD8A6



B6003A



786B4D



F7F7F7



787878

Same Dimension

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



B67F00



EDA500



95B600



5C5953



9C6D00



1C1400

Inverse Universe

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



0037B6



0048ED



2100B6



53555C



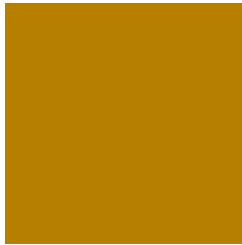
002F9C



00081C

Previews

White Background



This preview shows how the Hex color B67F00 looks on a white background.

Color Contrast Check

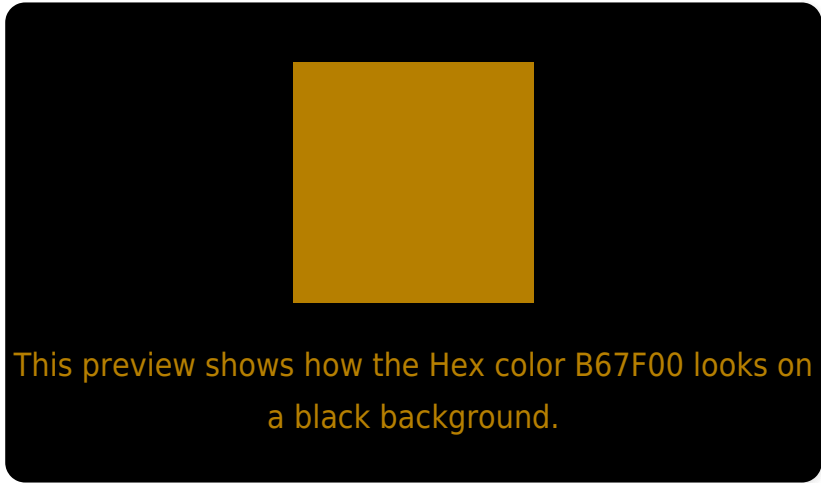
Large Text (above 18pt) WCAG AA ✓ Pass

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 B67F00 Background



This preview shows how black text looks on a background with the Hex color B67F00.



This preview shows how white text looks on a background with the Hex color B67F00.

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
B67F00

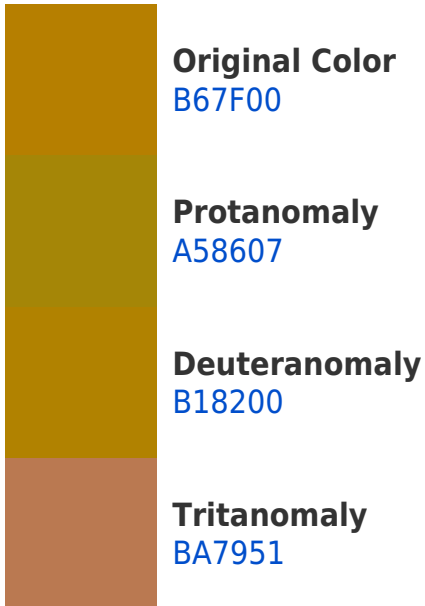
Protanopia
9B8A0B

Deuteranopia
AE8300

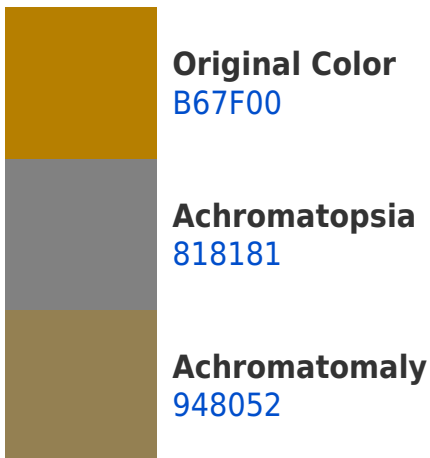


Tritanopia
BC767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B67F00 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 #B67F00 looks like.

```
.text, #text, p{  
    color:#B67F00  
}
```

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 #B67F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B67F00
}
```

Border

The CSS property to change the border of an element to Hex B67F00 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
#B67F00 }
```

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

```
.border{ border-color:#B67F00 }
```

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

Here you see how a box with a 4 pixel #B67F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B67F00; -webkit-box-shadow:4px 4px  
4px 4px #B67F00; box-shadow:4px 4px 4px  
4px #B67F00 }
```

Background

The CSS property to change the background color of an element to Hex B67F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B67F00 }
```

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

```
.background{ background-color:#B67F00 }
```

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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