

Converting Colors

Hex(B16E00)

Have a look what the booklet for
Hex(B16E00) contains.

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Color

Hex(B16E00)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B16E00 |
| RGB | 177, 110, 0 |
| RGB Percent | 69%, 43%, 0% |
| CMY | 0.3059, 0.5686, 1.0000 |
| CMYK | 0.00, 0.38, 1.00, 0.31 |
| HSL | 37°, 100%, 35% |
| HSV | 37°, 100%, 69% |
| XYZ | 23.7074, 20.4990, 2.7072 |
| YIQ | 117.4930, 75.2420, -20.0060 |

Conversions

Conversions Part 2

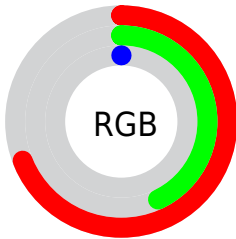
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 108, 177, 0 |
| Decimal | 11628032 |
| CIELab | 52.40, 19.93, 59.55 |
| CIELCh | 52, 62.797, 71.499 |
| Yxy | 20.4990, 0.5053, 0.4370 |
| Android (android.graphics.Color) | 4289818112 (0xFFB16E00) |
| YUV | 117.4930, -57.9240, 52.1876 |
| Hunter-Lab | 45.2758, 14.2339, 28.1479 |

Details

The Hex color **B16E00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0043B1**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **EEA241**, and **763E00** is the 20% darker color. If you saturate the color by 10%, you get **B16E00**, and if you desaturate by 10%, it is **B17512**.

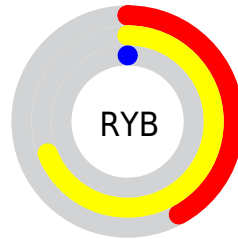
Distribution



Red (69%)

Green (43%)

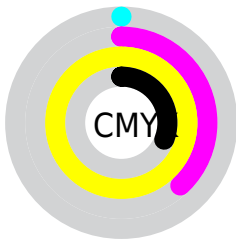
Blue (0%)



Red (42%)

Yellow (69%)

Blue (0%)

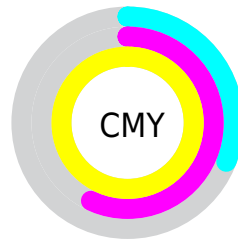


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B16E00 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 B16E00 by changing the saturation by 10% instead.

 B16E00

 B16E00

FFFFFF

 935600

 EEA241

 763E00

 FFBD5B

 5A2800

 FFD976

 3E1200

 FFF591

 270000

 FFFFAC

 000000

 FFFFC8

 FFFF E5

 B16E00

 B17512

 B17B23

 B18235

 B18947

 B19059

 B1966A

 B19D7C

 B1A48E

 B1AA9F

Harmonies

Analogous

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



D15638



B16E00



838100

Triad

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



B16E00



009691



9965CE

Complementary

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



B16E00



0043B1

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.



167CE7



B16E00



0094C3

Square

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



B16E00



009359



008CE3



CC4CA0

Rectangle

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



B16E00



5D8A0D



008CE3



7E6DDA

Sweetspot

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



B16E00



E6CBA1



B10044



736349



F2F2F2



737373

Same Dimension

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



B16E00



E68F00



9CB100



595650



995F00



1A1000

Inverse Universe

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



0043B1



0057E6



1500B1



505459



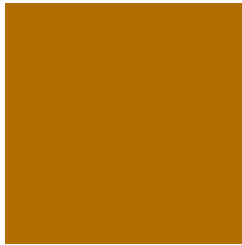
003A99



000A1A

Previews

White Background



This preview shows how the Hex color B16E00 looks on a white background.

Color Contrast Check

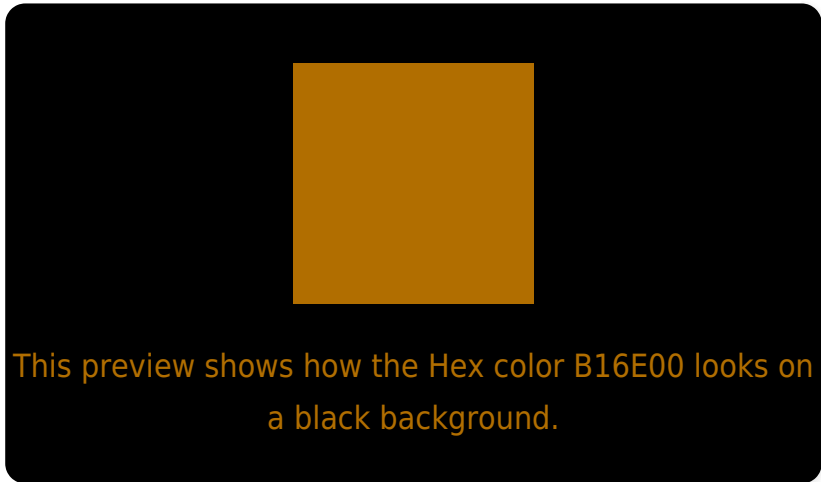
Large Text (above 18pt) WCAG AA ✓ Pass

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 B16E00 Background



This preview shows how black text looks on a background with the Hex color B16E00.



This preview shows how white text looks on a background with the Hex color B16E00.

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
B16E00

Protanopia
8E7E0D

Deuteranopia
9F7700

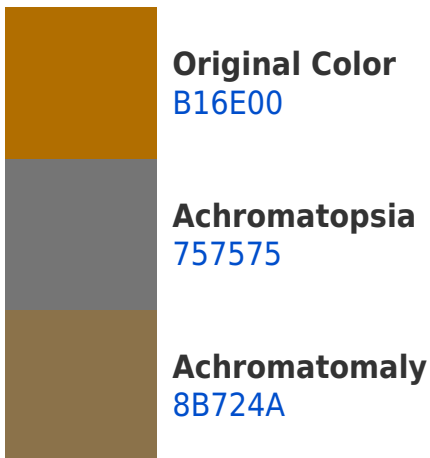


Tritanopia
B5666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B16E00 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 #B16E00 looks like.

```
.text, #text, p{  
    color:#B16E00  
}
```

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 #B16E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B16E00
}
```

Border

The CSS property to change the border of an element to Hex B16E00 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
#B16E00 }
```

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

```
.border{ border-color:#B16E00 }
```

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

Here you see how a box with a 4 pixel #B16E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B16E00; -webkit-box-shadow:4px 4px  
4px 4px #B16E00; box-shadow:4px 4px 4px  
4px #B16E00 }
```

Background

The CSS property to change the background color of an element to Hex B16E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B16E00 }
```

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

```
.background{ background-color:#B16E00 }
```

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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