

Converting Colors

Hex(B17607)

Have a look what the booklet for
Hex(B17607) contains.

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Color

Hex(B17607)

Conversions

Conversions Part 1

Format	Color
Hex	B17607
RGB	177, 118, 7
RGB Percent	69%, 46%, 3%
CMY	0.3059, 0.5373, 0.9725
CMYK	0.00, 0.33, 0.96, 0.31
HSL	39°, 92%, 36%
HSV	39°, 96%, 69%
XYZ	24.6482, 22.3193, 3.2100
YIQ	122.9870, 70.7950, -22.0130

Conversions

Conversions Part 2

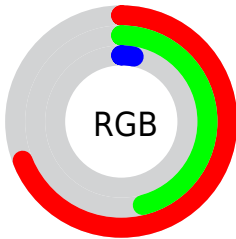
Format	Color
RYB	97, 177, 7
Decimal	11630087
CIELab	54.36, 15.56, 59.53
CIElCh	54, 61.532, 75.356
Yxy	22.3193, 0.4912, 0.4448
Android (android.graphics.Color)	4289820167 (0xFFB17607)
YUV	122.9870, -57.1816, 47.3694
Hunter-Lab	47.2433, 10.4529, 29.0418

Details

The Hex color **B17607** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0742B1**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **EDAA45**, and **774600** is the 20% darker color. If you saturate the color by 10%, you get **B17400**, and if you desaturate by 10%, it is **B17C19**.

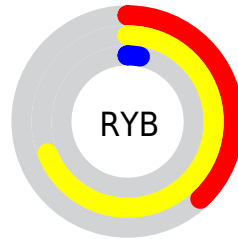
Distribution



Red (69%)

Green (46%)

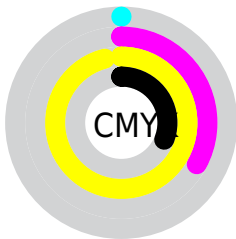
Blue (3%)



Red (38%)

Yellow (69%)

Blue (3%)

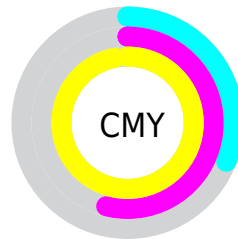


Cyan (0%)

Magenta (33%)

Yellow (96%)

Black (31%)



Cyan (31%)

Magenta (54%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color B17607 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 B17607 by changing the saturation by 10% instead.

 B17607

 B17607

FFFFFF

 945D00

 EDAA45

 774600

 FFC560

 5A2F00

 FFE17A

 3F1A00

 FFFE96

 260300

 FFFFB1

 000000

 FFFFCE

 FFFFEA

 B17607

 B17607

■ B17400

■ B17C19

■ B1822A

■ B1883C

■ B18F4E

■ B1955F

■ B19B71

■ B1A183

■ B1A795

■ B1ADA6

Harmonies

Analogous

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



D35F38



B17607



828800

Triad

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



B17607



009B9D



A767CD

Complementary

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



B17607



0742B1

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.



467FE9



B17607



0098CD

Square

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



B17607



009965



008FE9



D4519E

Rectangle

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



B17607



5B9020



008FE9



8F6FD9

Sweetspot

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



B17607



E6CEA3



B10742



73654B



F2F2F2



737373

Same Dimension

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



B17607



E69600



97B107



595650



996400



1A1100

Inverse Universe

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



0742B1



0050E6



2107B1



505359



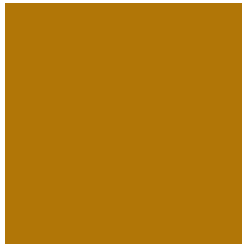
003599



00091A

Previews

White Background



This preview shows how the Hex color B17607 looks on a white background.

Color Contrast Check

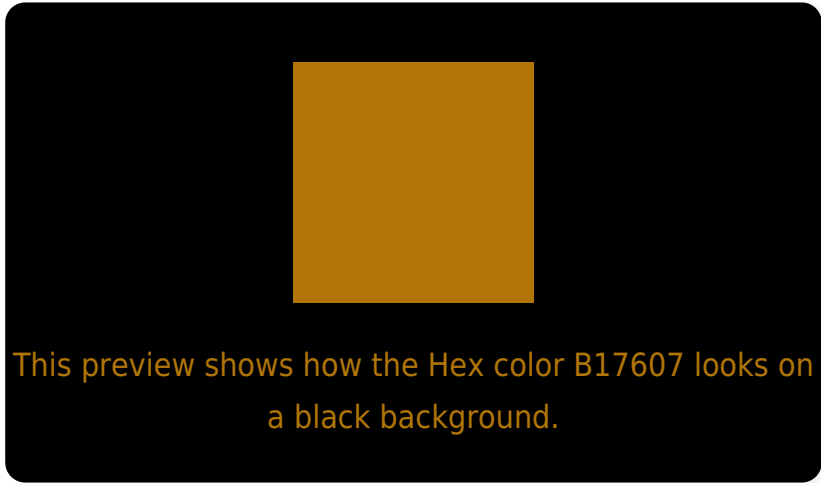
Large Text (above 18pt) WCAG AA ✓ Pass

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 B17607 Background



This preview shows how black text looks on a background with the Hex color B17607.



This preview shows how white text looks on a background with the Hex color B17607.

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
B17607

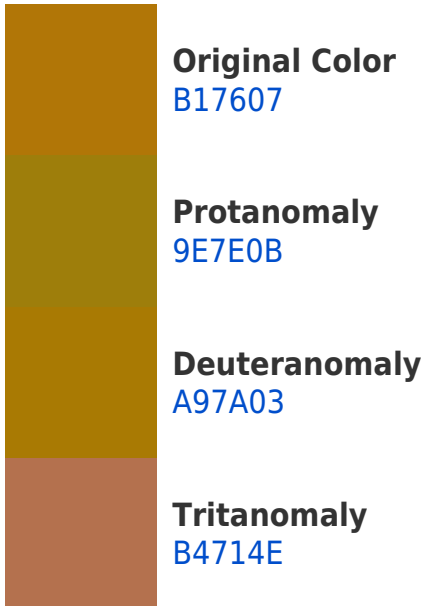
Protanopia
93830E

Deuteranopia
A57C00

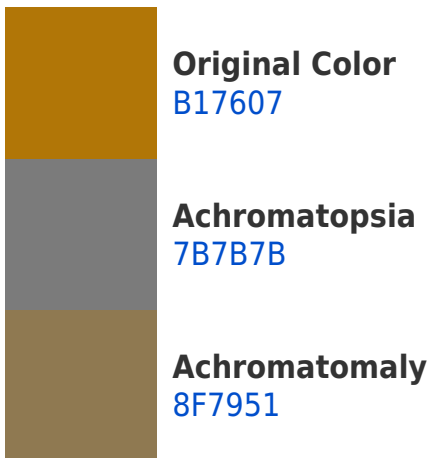


Tritanopia
B66E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B17607 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 #B17607 looks like.

```
.text, #text, p{  
    color:#B17607  
}
```

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 #B17607 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B17607  
}
```

Border

The CSS property to change the border of an element to Hex B17607 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  
#B17607 }
```

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

```
.border{ border-color:#B17607 }
```

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

Here you see how a box with a 4 pixel #B17607 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B17607; -webkit-box-shadow:4px 4px  
4px 4px #B17607; box-shadow:4px 4px 4px  
4px #B17607 }
```

Background

The CSS property to change the background color of an element to Hex B17607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B17607 }
```

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

```
.background{ background-color:#B17607 }
```

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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