

Converting Colors

Hex(BE7017)

Have a look what the booklet for
Hex(BE7017) contains.

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Color

Hex(BE7017)

Conversions

Conversions Part 1

Format	Color
Hex	BE7017
RGB	190, 112, 23
RGB Percent	75%, 44%, 9%
CMY	0.2549, 0.5608, 0.9098
CMYK	0.00, 0.41, 0.88, 0.25
HSL	32°, 78%, 42%
HSV	32°, 88%, 75%
XYZ	27.1840, 22.5974, 3.7396
YIQ	125.1760, 75.0570, -11.1430

Conversions

Conversions Part 2

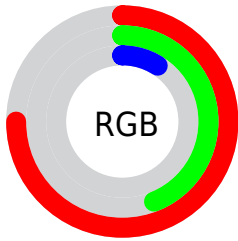
Format	Color
R_{YB}	169, 190, 23
Decimal	12480535
CIE _{Lab}	54.66, 24.88, 56.81
CIE _{LCh}	55, 62.018, 66.348
Yxy	22.5974, 0.5079, 0.4222
Android (android.graphics.Color)	4290670615 (0xFFBE7017)
YUV	125.1760, -50.3728, 56.8506
Hunter-Lab	47.5367, 18.8867, 28.6115

Details

The Hex color **BE7017** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **1765BE**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FBA44D**, and **833F00** is the 20% darker color. If you saturate the color by 10%, you get **BE6704**, and if you desaturate by 10%, it is **BE792A**.

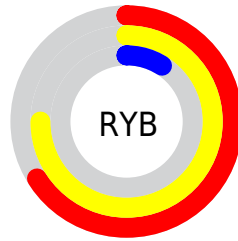
Distribution



Red (75%)

Green (44%)

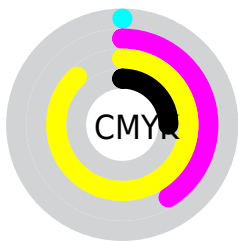
Blue (9%)



Red (66%)

Yellow (75%)

Blue (9%)

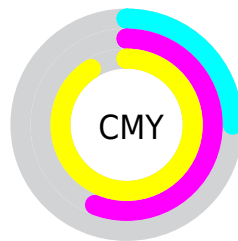


Cyan (0%)

Magenta (41%)

Yellow (88%)

Black (25%)



Cyan (25%)

Magenta (56%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color BE7017 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 BE7017 by changing the saturation by 10% instead.

 BE7017

 BE7017

FFFFFF

 A05700

 FBA44D

 833F00

 FFBF67

 652900

 FFDB82

 491200

 FFF89D

 2F0000

 FFFF89

 050000

 FFFFD5

 000000

 FFFFF2

 BE7017

 BE7017

 BE6704

 BE792A

 BE6500

 BE823D

 BE8B50

 BE9363

 BE9C76

 BEA589

 BEAE9C

 BEB7AF

 BEC0C2

Harmonies

Analogous

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



DB5946



BE7017



928400

Triad

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



BE7017



009C8D



926FDA

Complementary

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



BE7017



1765BE

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.



0085EE



BE7017



009AC1

Square

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



BE7017



009955



0094E5



CC56AF

Rectangle

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



BE7017



6E8E0F



0094E5



7477E4

Sweetspot

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



BE7017



F7D9B7



BE1768



7D6B56



FCFCFC



7D7D7D

Same Dimension

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



BE7017



F78400



BBBE17



5E5A55



9E5400



1F1000

Inverse Universe

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



1765BE



0074F7



1A17BE



55595E



004A9E



000E1F

Previews

White Background



This preview shows how the Hex color BE7017 looks on a white background.

Color Contrast Check

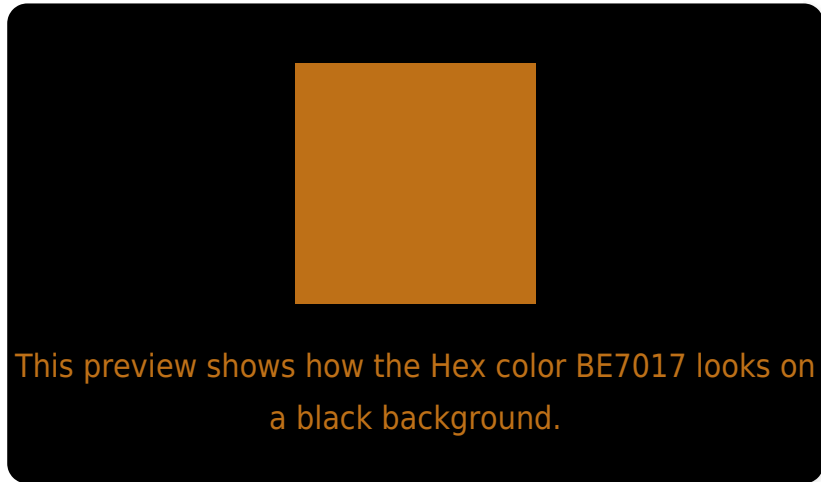
Large Text (above 18pt) WCAG AA ✓ Pass

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 BE7017 Background



This preview shows how black text looks on a background with the Hex color BE7017.



This preview shows how white text looks on a background with the Hex color BE7017.

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
BE7017

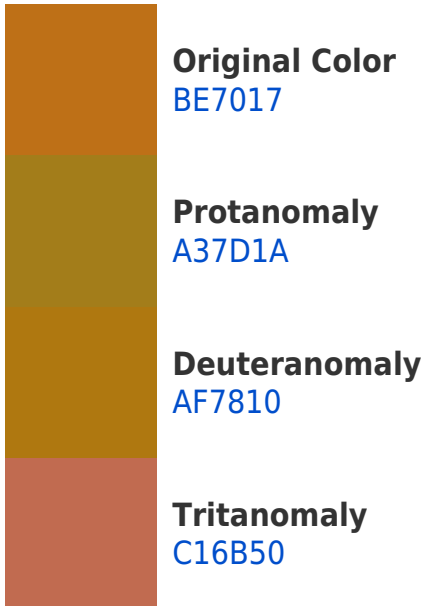
Protanopia
94841C

Deuteranopia
A67C0C



Tritanopia
C26870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BE7017 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 #BE7017 looks like.

```
.text, #text, p{  
    color:#BE7017  
}
```

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 #BE7017 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE7017
}
```

Border

The CSS property to change the border of an element to Hex BE7017 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
#BE7017 }
```

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

```
.border{ border-color:#BE7017 }
```

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

Here you see how a box with a 4 pixel #BE7017 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE7017; -webkit-box-shadow:4px 4px  
4px 4px #BE7017; box-shadow:4px 4px 4px  
4px #BE7017 }
```

Background

The CSS property to change the background color of an element to Hex BE7017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE7017 }
```

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

```
.background{ background-color:#BE7017 }
```

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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