

Converting Colors

Hex(BE6D00)

Have a look what the booklet for
Hex(BE6D00) contains.

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Color

Hex(BE6D00)

Conversions

Conversions Part 1

Format	Color
Hex	BE6D00
RGB	190, 109, 0
RGB Percent	75%, 43%, 0%
CMY	0.2549, 0.5725, 1.0000
CMYK	0.00, 0.43, 1.00, 0.25
HSL	34°, 100%, 37%
HSV	34°, 100%, 75%
XYZ	26.7038, 21.8844, 2.8167
YIQ	120.7930, 83.2650, -16.7270

Conversions

Conversions Part 2

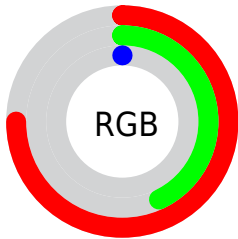
Format	Color
R_{YB}	141, 190, 0
Decimal	12479744
CIE _{Lab}	53.90, 26.17, 61.37
CIE _{LCh}	54, 66.720, 66.909
Y _{xy}	21.8844, 0.5195, 0.4257
Android (android.graphics.Color)	4290669824 (0xFFBE6D00)
YUV	120.7930, -59.5509, 60.6945
Hunter-Lab	46.7808, 20.0266, 29.1767

Details

The Hex color **BE6D00** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0051BE**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FCA141**, and **823C00** is the 20% darker color. If you saturate the color by 10%, you get **BE6D00**, and if you desaturate by 10%, it is **BE7513**.

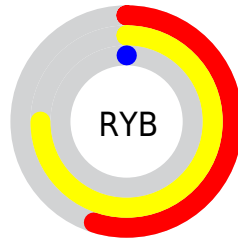
Distribution



Red (75%)

Green (43%)

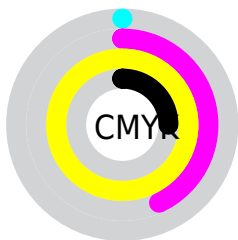
Blue (0%)



Red (55%)

Yellow (75%)

Blue (0%)

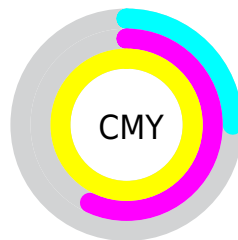


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BE6D00 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 BE6D00 by changing the saturation by 10% instead.

 BE6D00

 BE6D00

FFFFFF

 A05400

 FCA141

 823C00

 FFBC5C

 652600

 FFD876

 480F00

 FFF591

 2F0000

 FFFFAD

 000000

 FFFFC9

 FFFFEE

 BE6D00

 BE7513

 BE7D26

 BE8539

 BE8D4C

 BE965F

 BE9E72

 BEA685

 BEAE98

 BEB6AB

Harmonies

Analogous

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



DE523F



BE6D00



8F8300

Triad

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



BE6D00



009B8D



926BDE

Complementary

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



BE6D00



0051BE

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.



0084F4



BE6D00



009AC5

Square

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



BE6D00



009851



0093EB



CF4EAF

Rectangle

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



BE6D00



688D00



0093EB



7174E8

Sweetspot

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



BE6D00



F7D8AD



BE0052



7D6A50



FCFCFC



7D7D7D

Same Dimension

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



BE6D00



F78E00



B1BE00



5E5A55



9E5B00



1F1200

Inverse Universe

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



0051BE



0069F7



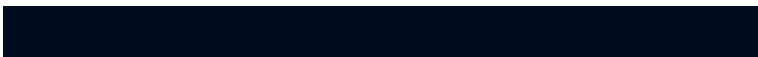
0D00BE



55595E



00439E



000D1F

Previews

White Background



This preview shows how the Hex color BE6D00 looks on a white background.

Color Contrast Check

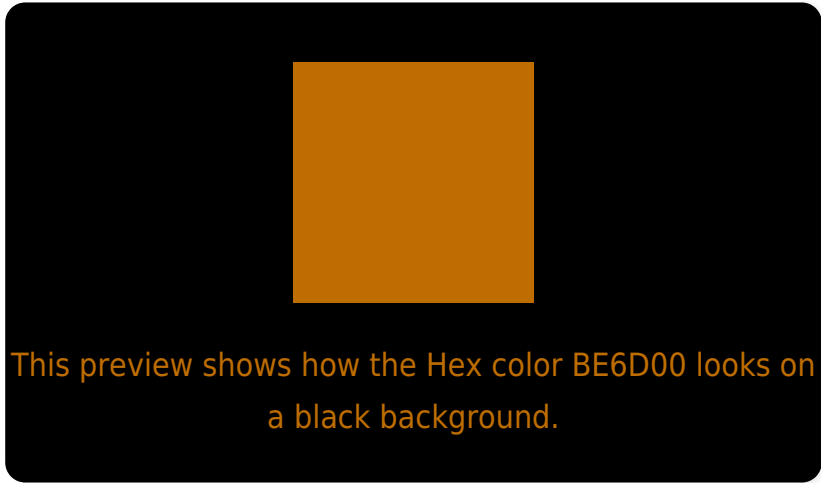
Large Text (above 18pt) WCAG AA ✓ Pass

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 BE6D00 Background



This preview shows how black text looks on a background with the Hex color BE6D00.



This preview shows how white text looks on a background with the Hex color BE6D00.

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
BE6D00

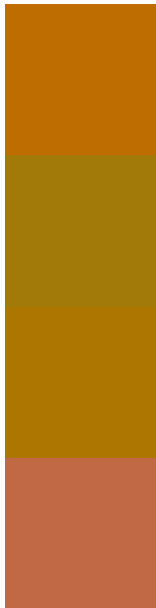
Protanopia
92820F

Deuteranopia
A47B00



Tritanopia
C2656D

Trichromacy



Original Color
BE6D00

Protanomaly
A27A0A

Deuteranomaly
AD7600

Tritanomaly
C16845

Monochromacy



Original Color
BE6D00

Achromatopsia
797979

Achromatomaly
92754D

CSS Examples

Text

The CSS property to change the color of the text to Hex BE6D00 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 #BE6D00 looks like.

```
.text, #text, p{  
    color:#BE6D00  
}
```

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 #BE6D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE6D00
}
```

Border

The CSS property to change the border of an element to Hex BE6D00 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
#BE6D00 }
```

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

```
.border{ border-color:#BE6D00 }
```

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

Here you see how a box with a 4 pixel #BE6D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE6D00; -webkit-box-shadow:4px 4px  
4px 4px #BE6D00; box-shadow:4px 4px 4px  
4px #BE6D00 }
```

Background

The CSS property to change the background color of an element to Hex BE6D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE6D00 }
```

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

```
.background{ background-color:#BE6D00 }
```

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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