

# Converting Colors

Hex(B36733)

Have a look what the booklet for  
Hex(B36733) contains.

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**Color**

**Hex(B36733)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B36733
RGB	179, 103, 51
RGB Percent	70%, 40%, 20%
CMY	0.2980, 0.5961, 0.8000
CMYK	0.00, 0.42, 0.72, 0.30
HSL	24°, 56%, 45%
HSV	24°, 72%, 70%
XYZ	24.0382, 19.5232, 5.6334
YIQ	119.7960, 61.9880, -0.0600

# Conversions

## Conversions Part 2

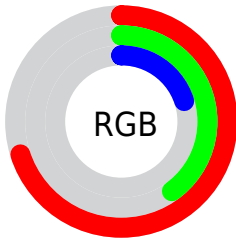
Format	Color
<a href="#">RYB</a>	<a href="#">179, 139, 51</a>
Decimal	<a href="#">11757363</a>
CIELab	<a href="#">51.29, 26.14, 41.50</a>
CIElCh	<a href="#">51, 49.044, 57.796</a>
Yxy	<a href="#">19.5232, 0.4886, 0.3969</a>
Android (android.graphics.Color)	<a href="#">4289947443 (0xFFB36733)</a>
YUV	<a href="#">119.7960, -33.9164, 51.9219</a>
Hunter-Lab	<a href="#">44.1851, 19.7862, 23.3704</a>

# Details

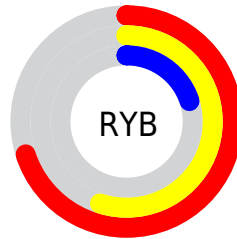
The Hex color **B36733** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **337FB3**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **EF9B64**, and **793702** is the 20% darker color. If you saturate the color by 10%, you get **B35C21**, and if you desaturate by 10%, it is **B37245**.

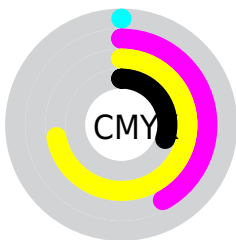
# Distribution



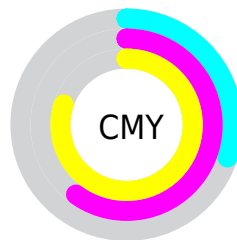
- Red (70%)
- Green (40%)
- Blue (20%)



- Red (70%)
- Yellow (55%)
- Blue (20%)



- Cyan (0%)
- Magenta (42%)
- Yellow (72%)
- Black (30%)



- Cyan (30%)
- Magenta (60%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B36733 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 B36733 by changing the saturation by 10% instead.



 B36733

 B36733

FFFFFF

 964E1B

 EF9B64

 793702

 FFB67D

 5D2000

 FFD298

 410800

 FFEEB3

 2A0000

 FFFFCF

 000000

 FFFFEB

 B36733

 B36733

 B35C21

 B37245

 B3520F

 B37C57

 B34900

 B38769

 B3927B

 B39C8D

 B3A79E

 B3B1B0

 B3BCC2

 B3C7D4

# Harmonies

## Analogous

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



C55856



B36733



93771F

# Triad

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



B36733



008E76



7670C5

# Complementary

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



B36733



337FB3

# 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.



0080CE



B36733



008EA0

# Square

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



B36733



308B4B



008AC1



AA5FA7

# Rectangle

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



B36733



798023



008AC1



5C76CA



# Sweetspot

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



B36733



E8CBB7



B33380



756458



F5F5F5



757575



# Same Dimension

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



B36733



E87220



B3A633



595450



993E00



1A0A00



# Inverse Universe

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



337FB3



2097E8



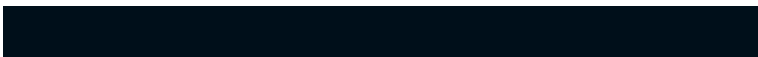
3340B3



505659



005B99



000F1A



# Previews

## White Background



This preview shows how the Hex color B36733 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 B36733 Background



This preview shows how black text looks on a background with the Hex color B36733.



This preview shows how white text looks on a background with the Hex color B36733.

# 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**  
B36733

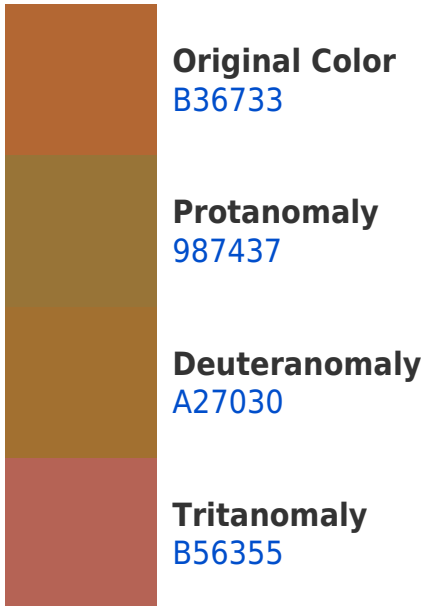
**Protanopia**  
887B39

**Deuteranopia**  
99752F



**Tritanopia**  
B66168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B36733 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 #B36733 looks like.

```
.text, #text, p{  
    color:#B36733  
}
```

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 #B36733 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B36733 }  
}
```

## Border

The CSS property to change the border of an element to Hex B36733 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 #B36733 }  
}
```

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

```
.border{ border-color:#B36733 }
```

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

Here you see how a box with a 4 pixel #B36733 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B36733; -webkit-box-shadow:4px 4px  
4px 4px #B36733; box-shadow:4px 4px 4px  
4px #B36733 }
```

# Background

The CSS property to change the background color of an element to Hex B36733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B36733 }
```

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

```
.background{ background-color:#B36733 }
```

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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