

# Converting Colors

Hex(B35834)

Have a look what the booklet for  
Hex(B35834) contains.

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**Color**

**Hex(B35834)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B35834
RGB	179, 88, 52
RGB Percent	70%, 35%, 20%
CMY	0.2980, 0.6549, 0.7961
CMYK	0.00, 0.51, 0.71, 0.30
HSL	17°, 55%, 45%
HSV	17°, 71%, 70%
XYZ	22.7000, 16.8111, 5.2973
YIQ	111.1050, 65.7920, 8.0960

# Conversions

## Conversions Part 2

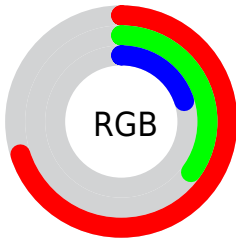
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 102, 52
Decimal	11753524
CIE Lab	48.02, 34.26, 37.37
CIE LCh	48, 50.700, 47.482
Yxy	16.8111, 0.5066, 0.3752
Android (android.graphics.Color)	4289943604 (0xFFB35834)
YUV	111.1050, -29.1388, 59.5439
Hunter-Lab	41.0013, 27.0724, 21.0408

# Details

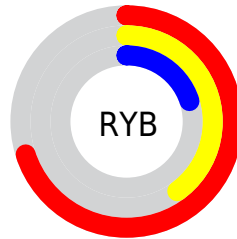
The Hex color **B35834** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **348FB3**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **EF8C64**, and **782706** is the 20% darker color. If you saturate the color by 10%, you get **B34B22**, and if you desaturate by 10%, it is **B36546**.

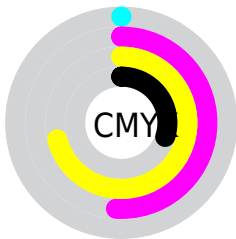
# Distribution



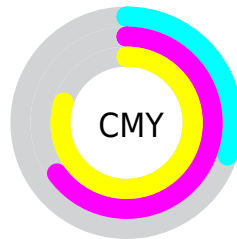
- Red (70%)
- Green (35%)
- Blue (20%)



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



- Cyan (0%)
- Magenta (51%)
- Yellow (71%)
- Black (30%)



- Cyan (30%)
- Magenta (65%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B35834 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 B35834 by changing the saturation by 10% instead.



 B35834

 B35834

FFFFFF

 953F1D

 EF8C64

 782706

 FFA77D

 5C0C00

 FFC298

 400000

 FFDEB3

 270001

 FFFBCE

 000000

 FFFFEB

 B35834

 B35834

 B34B22

 B36546

 B33E10

 B37258

 B33300

 B37E6A

 B38B7C

 B3988E

 B3A59F

 B3B2B1

 B3BFC3

 B3CBD5

# Harmonies

## Analogous

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



BF4A5B



B35834



976916

# Triad

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



B35834



00855E



4F6EC4

# Complementary

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



B35834



348FB3

# 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.



007CC5



B35834



00868A

# Square

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



B35834



3D8134



0084B0



945CAC

# Rectangle

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



B35834



7E7310



0084B0



2273C7



# Sweetspot

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



B35834



E8C5B7



B3348F



756058



F5F5F5



757575



# Same Dimension

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



B35834



E85B23



B39734



595350



992B00



1A0700



# Inverse Universe

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



348FB3



23B0E8



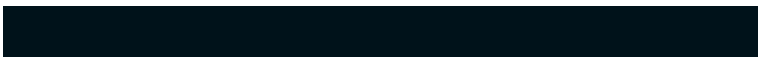
3450B3



505759



006E99

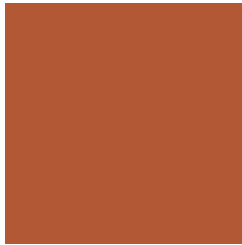


00121A



# Previews

## White Background



This preview shows how the Hex color B35834 looks on a white background.

## Color Contrast Check

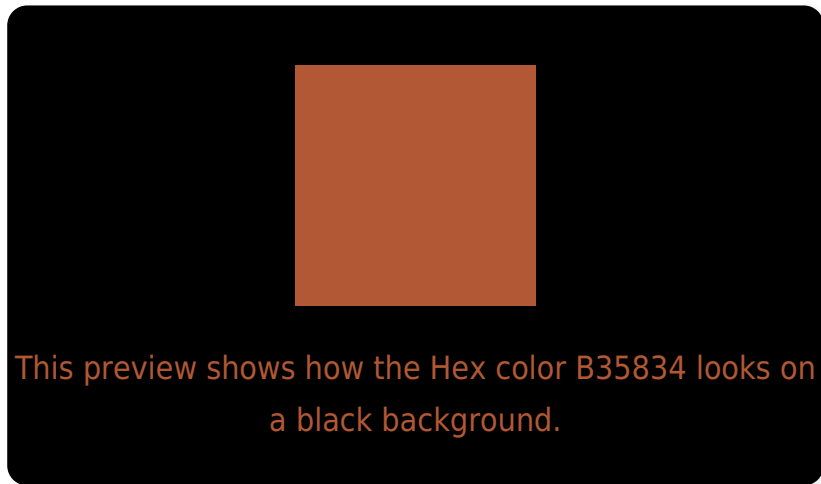
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

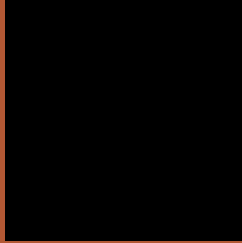
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B35834 Background



This preview shows how black text looks on a background with the Hex color B35834.



This preview shows how white text looks on a background with the Hex color B35834.

# 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**  
B35834

**Protanopia**  
7E733D

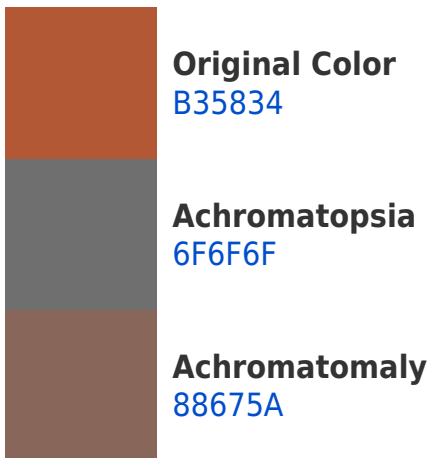
**Deuteranopia**  
8E6D2F



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B35834 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 #B35834 looks like.

```
.text, #text, p{  
    color:#B35834  
}
```

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 #B35834 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B35834
}
```

## Border

The CSS property to change the border of an element to Hex B35834 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
#B35834 }
```

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

```
.border{ border-color:#B35834 }
```

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

Here you see how a box with a 4 pixel #B35834 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B35834; -webkit-box-shadow:4px 4px  
4px 4px #B35834; box-shadow:4px 4px 4px  
4px #B35834 }
```

# Background

The CSS property to change the background color of an element to Hex B35834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B35834 }
```

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

```
.background{ background-color:#B35834 }
```

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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