

Converting Colors

Hex(B35D33)

Have a look what the booklet for
Hex(B35D33) contains.

Hex(B35D33)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B35D33)

Conversions

Conversions Part 1

Format	Color
Hex	B35D33
RGB	179, 93, 51
RGB Percent	70%, 36%, 20%
CMY	0.2980, 0.6353, 0.8000
CMYK	0.00, 0.48, 0.72, 0.30
HSL	20°, 56%, 45%
HSV	20°, 72%, 70%
XYZ	23.1023, 17.6514, 5.3214
YIQ	113.9260, 64.7380, 5.1700

Conversions

Conversions Part 2

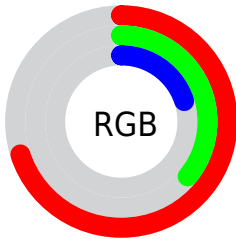
Format	Color
R_{YB}	179, 114, 51
Decimal	11754803
CIE Lab	49.07, 31.56, 39.07
CIE LCh	49, 50.224, 51.066
Yxy	17.6514, 0.5014, 0.3831
Android (android.graphics.Color)	4289944883 (0xFFB35D33)
YUV	113.9260, -31.0225, 57.0699
Hunter-Lab	42.0136, 24.6292, 21.8999

Details

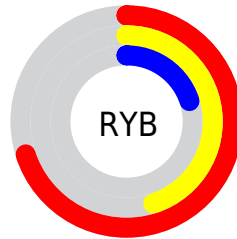
The Hex color **B35D33** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **3389B3**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **EF9163**, and **792C04** is the 20% darker color. If you saturate the color by 10%, you get **B35121**, and if you desaturate by 10%, it is **B36945**.

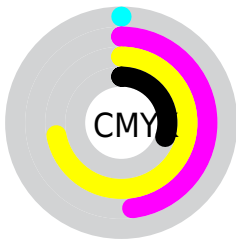
Distribution



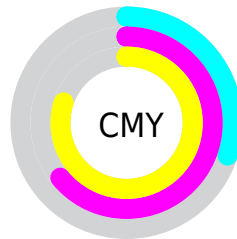
- Red (70%)
- Green (36%)
- Blue (20%)



- Red (70%)
- Yellow (45%)
- Blue (20%)



- Cyan (0%)
- Magenta (48%)
- Yellow (72%)
- Black (30%)



- Cyan (30%)
- Magenta (64%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color B35D33 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 B35D33 by changing the saturation by 10% instead.

 B35D33

 B35D33

FFFFFF

 96441C

 EF9163

 792C04

 FFAC7D

 5C1400

 FFC797

 400000

 FFE4B2

 290001

 FFFFCE

 000000

 FFFFEA

 B35D33

 B35D33

 B35121

 B36945

 B3450F

 B37557

 B33B00

 B38169

 B38D7B

 B3998D

 B3A59E

 B3B1B0

 B3BDC2

 B3C9D4

Harmonies

Analogous

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



C14F59



B35D33



956E18

Triad

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



B35D33



008866



5E6FC4

Complementary

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



B35D33



3389B3

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.



007DC9



B35D33



008992

Square

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



B35D33



38843C



0086B6



9C5CAB

Rectangle

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



B35D33



7C7816



0086B6



3C74C8

Sweetspot

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



B35D33



E8C7B7



B3338A



756258



F5F5F5



757575

Same Dimension

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



B35D33



E86220



B39C33



595350



993200



1A0800

Inverse Universe

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



3389B3



20A7E8



334AB3



505659



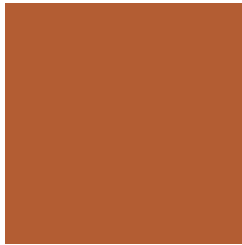
006799



00111A

Previews

White Background



This preview shows how the Hex color B35D33 looks on a white background.

Color Contrast Check

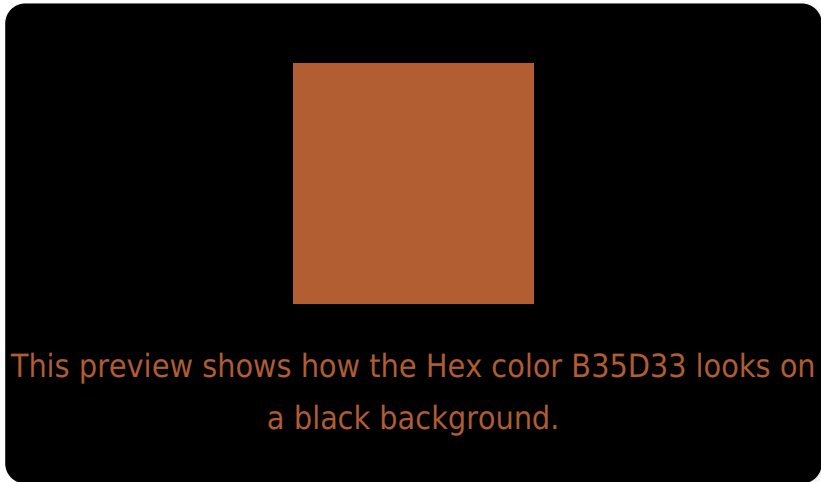
Large Text (above 18pt) WCAG AA ✓ Pass

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

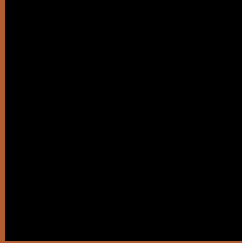
Any Text WCAG AA ✓ Pass

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 B35D33 Background



This preview shows how black text looks on a background with the Hex color B35D33.



This preview shows how white text looks on a background with the Hex color B35D33.

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
B35D33

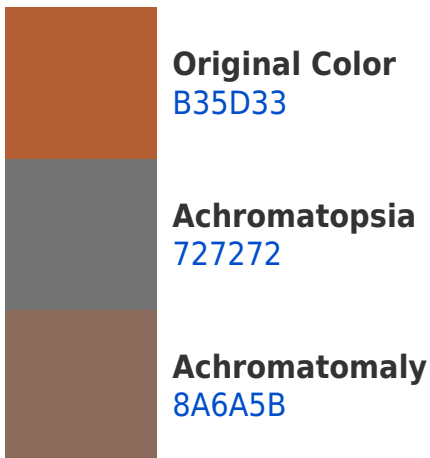
Protanopia
82753B

Deuteranopia
926F2E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B35D33 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 #B35D33 looks like.

```
.text, #text, p{  
    color:#B35D33  
}
```

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 #B35D33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B35D33 }  
}
```

Border

The CSS property to change the border of an element to Hex B35D33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

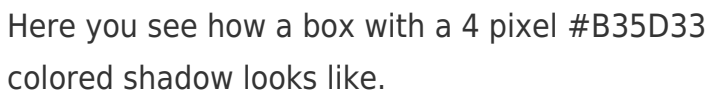
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #B35D33 }  
}
```

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

```
.border{ border-color:#B35D33 }
```

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



Here you see how a box with a 4 pixel #B35D33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B35D33; -webkit-box-shadow:4px 4px  
4px 4px #B35D33; box-shadow:4px 4px 4px  
4px #B35D33 }
```

Background

The CSS property to change the background color of an element to Hex B35D33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B35D33 }
```

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

```
.background{ background-color:#B35D33 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor