

Converting Colors

Hex(B45D34)

Have a look what the booklet for
Hex(B45D34) contains.

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Color

Hex(B45D34)

Conversions

Conversions Part 1

Format	Color
Hex	B45D34
RGB	180, 93, 52
RGB Percent	71%, 36%, 20%
CMY	0.2941, 0.6353, 0.7961
CMYK	0.00, 0.48, 0.71, 0.29
HSL	19°, 55%, 45%
HSV	19°, 71%, 71%
XYZ	23.3566, 17.7799, 5.4497
YIQ	114.3390, 65.0130, 5.6930

Conversions

Conversions Part 2

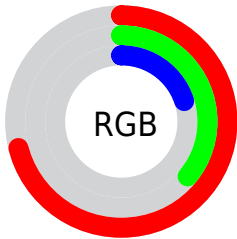
Format	Color
R_{YB}	180, 112, 52
Decimal	11820340
CIE Lab	49.23, 32.02, 38.76
CIE LCh	49, 50.276, 50.434
Yxy	17.7799, 0.5014, 0.3817
Android (android.graphics.Color)	4290010420 (0xFFB45D34)
YUV	114.3390, -30.7331, 57.5847
Hunter-Lab	42.1663, 25.0831, 21.8536

Details

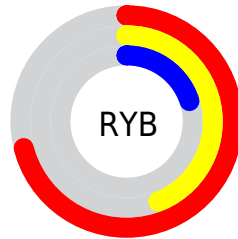
The Hex color **B45D34** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **348BB4**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **F09164**, and **7A2C05** is the 20% darker color. If you saturate the color by 10%, you get **B45122**, and if you desaturate by 10%, it is **B46946**.

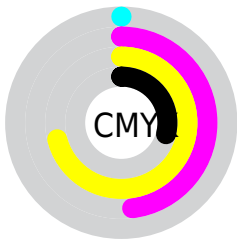
Distribution



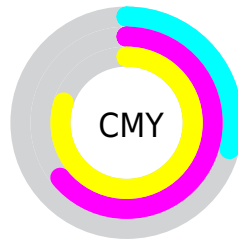
- Red (71%)
- Green (36%)
- Blue (20%)



- Red (71%)
- Yellow (44%)
- Blue (20%)



- Cyan (0%)
- Magenta (48%)
- Yellow (71%)
- Black (29%)



- Cyan (29%)
- Magenta (64%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color B45D34 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 B45D34 by changing the saturation by 10% instead.

 B45D34

 B45D34

FFFFFF

 97441D

 F09164

 7A2C05

 FFAC7E

 5D1300

 FFC798

 410000

 FFE4B3

 2A0001

 FFFFCF

 000000

 FFFFEB

 B45D34

 B45D34

 B45122

 B46946

 B44510

 B47558

 B43A00

 B4826A

 B48E7C

 B49A8E

 B4A6A0

 B4B3B2

 B4BFC4

 B4CBD6

Harmonies

Analogous

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



C24F5A



B45D34



976E19

Triad

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



B45D34



008965



5C6FC5

Complementary

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



B45D34



348BB4

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.



007EC9



B45D34



008992

Square

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



B45D34



3A843C



0086B6



9B5DAC

Rectangle

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



B45D34



7D7816



0086B6



3975C9

Sweetspot

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



B45D34



EBC9B9



B4348B



756158



F5F5F5



757575

Same Dimension

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



B45D34



EB6323



B49D34



595350



993100



1A0800

Inverse Universe

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



348BB4



23ABEB



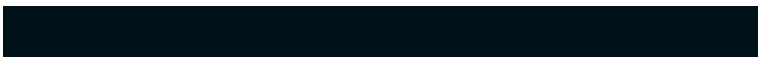
344BB4



505659



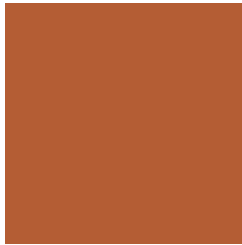
006899



00111A

Previews

White Background



This preview shows how the Hex color B45D34 looks on a white background.

Color Contrast Check

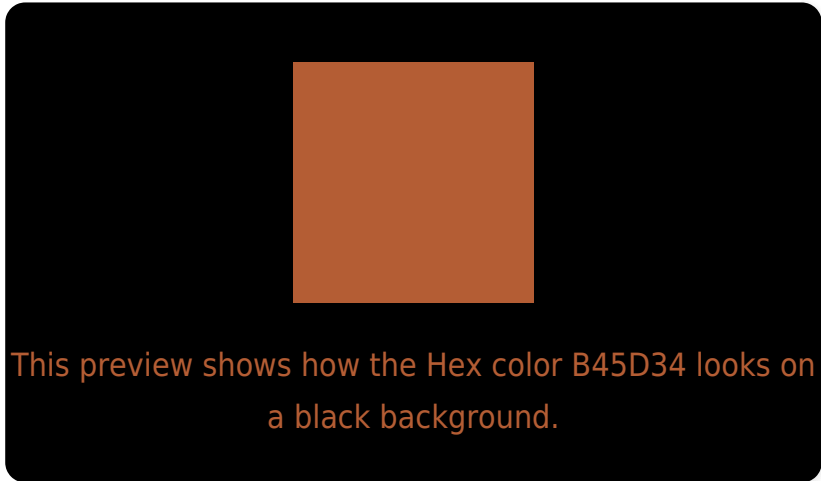
Large Text (above 18pt) WCAG AA ✓ Pass

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 B45D34 Background



This preview shows how black text looks on a background with the Hex color B45D34.



This preview shows how white text looks on a background with the Hex color B45D34.

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
B45D34

Protanopia
82763C

Deuteranopia
92702F



Tritanopia
B6585E

Trichromacy



Original Color
B45D34

Protanomaly
946D39

Deuteranomaly
9E6931

Tritanomaly
B55A4F

Monochromacy



Original Color
B45D34

Achromatopsia
727272

Achromatomaly
8A6A5B

CSS Examples

Text

The CSS property to change the color of the text to Hex B45D34 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 #B45D34 looks like.

```
.text, #text, p{  
    color:#B45D34  
}
```

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 #B45D34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B45D34
}
```

Border

The CSS property to change the border of an element to Hex B45D34 is called "border". The border property can be set on classes, ids or directly on the HTML element.

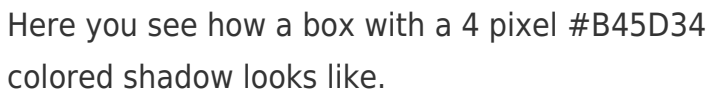
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B45D34 }
```

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

```
.border{ border-color:#B45D34 }
```

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



Here you see how a box with a 4 pixel #B45D34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B45D34; -webkit-box-shadow:4px 4px  
4px 4px #B45D34; box-shadow:4px 4px 4px  
4px #B45D34 }
```

Background

The CSS property to change the background color of an element to Hex B45D34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B45D34 }
```

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

```
.background{ background-color:#B45D34 }
```

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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