

# Converting Colors

Hex(B35D12)

Have a look what the booklet for  
Hex(B35D12) contains.

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**Color**

**Hex(B35D12)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B35D12
RGB	179, 93, 18
RGB Percent	70%, 36%, 7%
CMY	0.2980, 0.6353, 0.9294
CMYK	0.00, 0.48, 0.90, 0.30
HSL	28°, 82%, 39%
HSV	28°, 90%, 70%
XYZ	22.6139, 17.4561, 2.7497
YIQ	110.1640, 75.3310, -5.0930

# Conversions

## Conversions Part 2

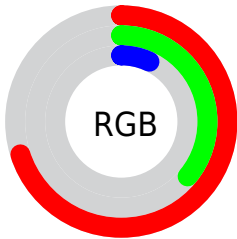
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 158, 18
Decimal	11754770
CIE <sub>Lab</sub>	48.83, 30.39, 53.10
CIE <sub>LCh</sub>	49, 61.177, 60.218
Yxy	17.4561, 0.5281, 0.4077
Android (android.graphics.Color)	4289944850 (0xFFB35D12)
YUV	110.1640, -45.4369, 60.3692
Hunter-Lab	41.7805, 23.4984, 25.3442

# Details

The Hex color **B35D12** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1268B3**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **F09047**, and **782D00** is the 20% darker color. If you saturate the color by 10%, you get **B35300**, and if you desaturate by 10%, it is **B36724**.

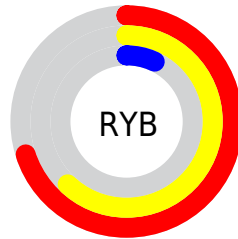
# Distribution



Red (70%)

Green (36%)

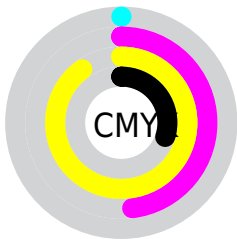
Blue (7%)



Red (70%)

Yellow (62%)

Blue (7%)

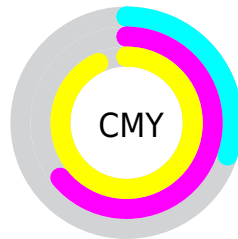


Cyan (0%)

Magenta (48%)

Yellow (90%)

Black (30%)



Cyan (30%)

Magenta (64%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B35D12 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 B35D12 by changing the saturation by 10% instead.



 B35D12

 B35D12

FFFFFF

 954500

 F09047

 782D00

 FFAB60

 5A1500

 FFC77A

 3E0000

 FFE395

 270001

 FFFF80

 000000

 FFFFCC

 FFFF99

 B35D12

 B35D12

 B35300

 B36724

 B37036

 B37A48

 B3835A

 B38D6B

 B3967D

 B3A08F

 B3A9A1

 B3B3B3

# Harmonies

## Analogous

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



CB4543



B35D12



8B7200

# Triad

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



B35D12



008B73



7166CE

# Complementary

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



B35D12



1268B3

# 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.



007ADC



B35D12



008BA7

# Square

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



B35D12



00883D



0086CE



B24CA8

# Rectangle

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



B35D12



6A7C00



0086CE



4C6ED6



# Sweetspot

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



B35D12



E8C7A9



B3126B



756150



F5F5F5



757575



# Same Dimension

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



B35D12



E86C00



B3AB12



595450



994700



1A0C00



# Inverse Universe

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



1268B3



007CE8



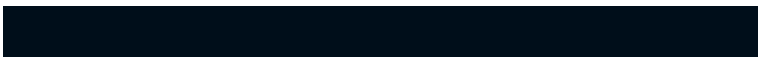
121AB3



505559



005299



000E1A



# Previews

## White Background



This preview shows how the Hex color B35D12 looks on a white background.

## Color Contrast Check

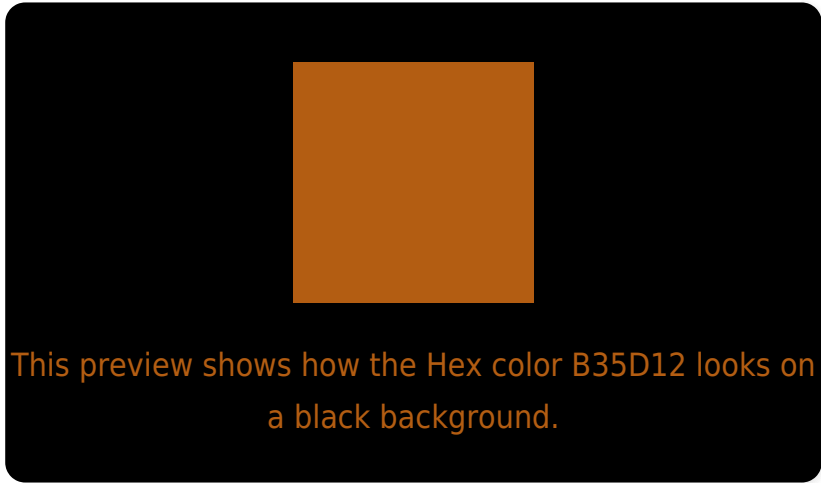
Large Text (above 18pt) WCAG AA ✓ Pass

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 B35D12 Background



This preview shows how black text looks on a background with the Hex color B35D12.



This preview shows how white text looks on a background with the Hex color B35D12.

# 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



# Trichromacy



**Original Color**  
B35D12

**Protanomaly**  
946C16

**Tritanomaly**  
B55942

# Monochromacy



**Original Color**  
B35D12

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
87684D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B35D12 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 #B35D12 looks like.

```
.text, #text, p{  
    color:#B35D12  
}
```

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 #B35D12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B35D12
}
```

## Border

The CSS property to change the border of an element to Hex B35D12 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
#B35D12 }
```

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

```
.border{ border-color:#B35D12 }
```

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

Here you see how a box with a 4 pixel #B35D12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B35D12; -webkit-box-shadow:4px 4px  
4px 4px #B35D12; box-shadow:4px 4px 4px  
4px #B35D12 }
```

# Background

The CSS property to change the background color of an element to Hex B35D12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B35D12 }
```

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

```
.background{ background-color:#B35D12 }
```

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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