

Converting Colors

Hex(B34D00)

Have a look what the booklet for
Hex(B34D00) contains.

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Color

Hex(B34D00)

Conversions

Conversions Part 1

Format	Color
Hex	B34D00
RGB	179, 77, 0
RGB Percent	70%, 30%, 0%
CMY	0.2980, 0.6980, 1.0000
CMYK	0.00, 0.57, 1.00, 0.30
HSL	26°, 100%, 35%
HSV	26°, 100%, 70%
XYZ	21.2443, 14.8915, 1.7546
YIQ	98.7200, 85.5090, -2.3230

Conversions

Conversions Part 2

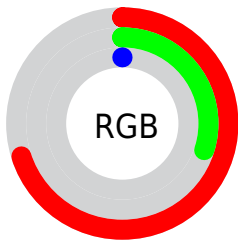
Format	Color
RYB	179, 135, 0
Decimal	11750656
CIELab	45.49, 38.42, 55.49
CIELCh	45, 67.492, 55.305
Yxy	14.8915, 0.5607, 0.3930
Android (android.graphics.Color)	4289940736 (0xFFB34D00)
YUV	98.7200, -48.6690, 70.4056
Hunter-Lab	38.5895, 30.7363, 24.3167

Details

The Hex color **B34D00** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0066B3**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **F1813A**, and **761A00** is the 20% darker color. If you saturate the color by 10%, you get **B34D00**, and if you desaturate by 10%, it is **B35712**.

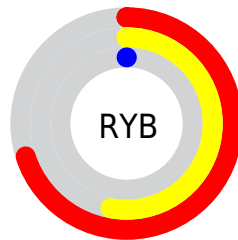
Distribution



Red (70%)

Green (30%)

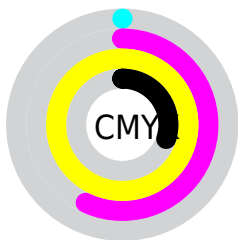
Blue (0%)



Red (70%)

Yellow (53%)

Blue (0%)

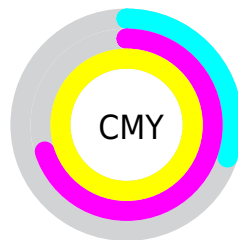


Cyan (0%)

Magenta (57%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B34D00 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 B34D00 by changing the saturation by 10% instead.

 B34D00

 B34D00

 FFFFF8

 953400

 F1813A

 761A00

 FF9B54

 590000

 FFB76E

 3D0000

 FFD388

 210001

 FFEFA3

 000000

 FFFFBF

 FFFFDB

 B34D00

 B35712

 B36124

 B36C36

 B37648

 B3805A

 B38A6B

 B3947D

 B39F8F

 B3A9A1

Harmonies

Analogous

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



CB2D3F



B34D00



8A6600

Triad

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



B34D00



008361



5061D3

Complementary

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



B34D00



0066B3

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.



0076DD



B34D00



00849B

Square

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



B34D00



007F24



0080C8



A542AD

Rectangle

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



B34D00



687200



0080C8



0069DA

Sweetspot

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



B34D00



E8C0A2



B30068



755D4B



F5F5F5



757575

Same Dimension

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



B34D00



E86400



B3A400



595450



994200



1A0B00

Inverse Universe

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



0066B3



0084E8



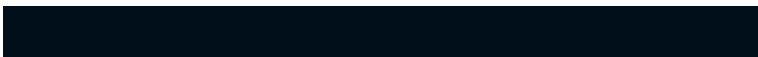
000FB3



505559



005799



000F1A

Previews

White Background



This preview shows how the Hex color B34D00 looks on a white background.

Color Contrast Check

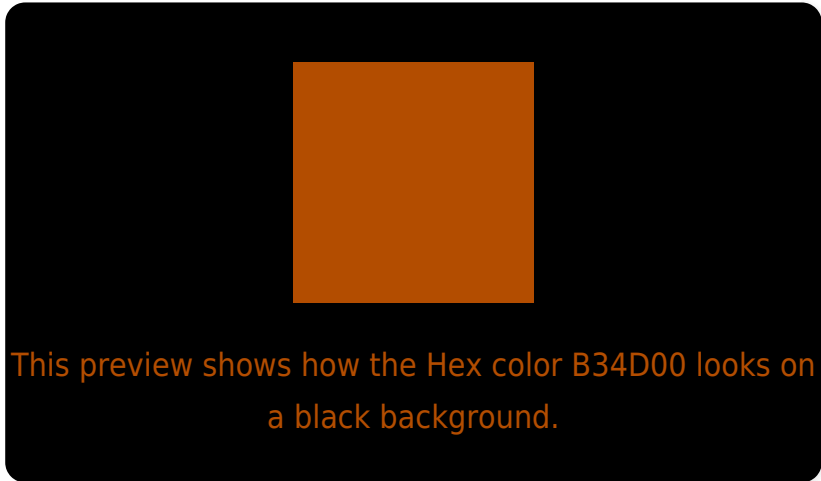
Large Text (above 18pt) WCAG AA ✓ Pass

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 B34D00 Background



This preview shows how black text looks on a background with the Hex color B34D00.



This preview shows how white text looks on a background with the Hex color B34D00.

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
B34D00

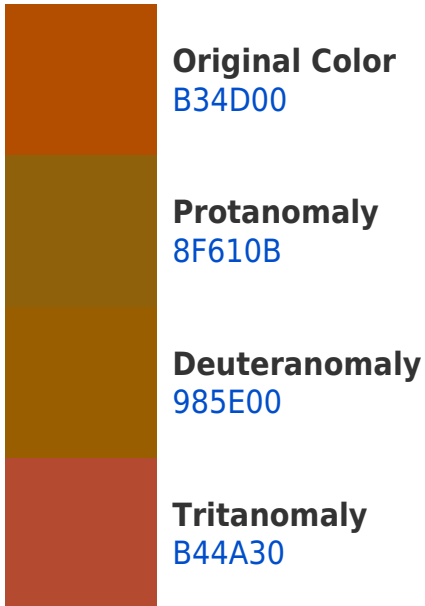
Protanopia
7A6D11

Deuteranopia
896700

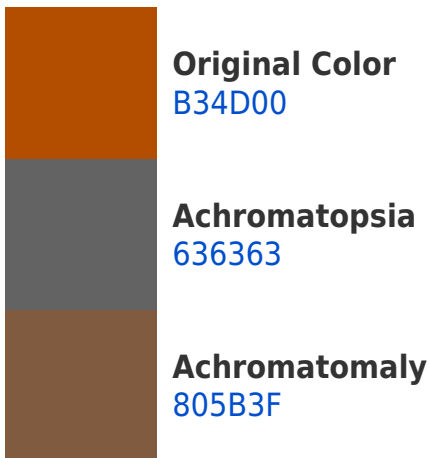


Tritanopia
B5484C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B34D00 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 #B34D00 looks like.

```
.text, #text, p{  
    color:#B34D00  
}
```

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 #B34D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B34D00
}
```

Border

The CSS property to change the border of an element to Hex B34D00 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
#B34D00 }
```

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

```
.border{ border-color:#B34D00 }
```

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

Here you see how a box with a 4 pixel #B34D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B34D00; -webkit-box-shadow:4px 4px  
4px 4px #B34D00; box-shadow:4px 4px 4px  
4px #B34D00 }
```

Background

The CSS property to change the background color of an element to Hex B34D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B34D00 }
```

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

```
.background{ background-color:#B34D00 }
```

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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