

Converting Colors

Hex(B36D1D)

Have a look what the booklet for
Hex(B36D1D) contains.

| | |
|--|----|
| Hex(B36D1D) | 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(B36D1D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B36D1D |
| RGB | 179, 109, 29 |
| RGB Percent | 70%, 43%, 11% |
| CMY | 0.2980, 0.5725, 0.8863 |
| CMYK | 0.00, 0.39, 0.84, 0.30 |
| HSL | 32°, 72%, 41% |
| HSV | 32°, 84%, 70% |
| XYZ | 24.2808, 20.6097, 3.8607 |
| YIQ | 120.8100, 67.4000, -10.0400 |

Conversions

Conversions Part 2

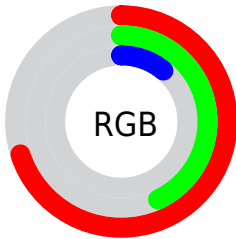
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 160, 179, 29 |
| Decimal | 11758877 |
| CIE Lab | 52.52, 21.91, 52.43 |
| CIE LCh | 53, 56.827, 67.318 |
| Yxy | 20.6097, 0.4981, 0.4228 |
| Android (android.graphics.Color) | 4289948957 (0xFFB36D1D) |
| YUV | 120.8100, -45.2623, 51.0326 |
| Hunter-Lab | 45.3979, 16.0234, 26.7364 |

Details

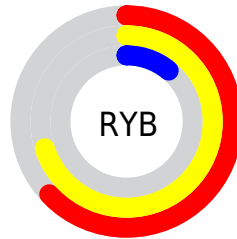
The Hex color **B36D1D** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1D63B3**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **EFA151**, and **793D00** is the 20% darker color. If you saturate the color by 10%, you get **B3650B**, and if you desaturate by 10%, it is **B3752F**.

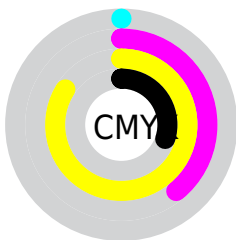
Distribution



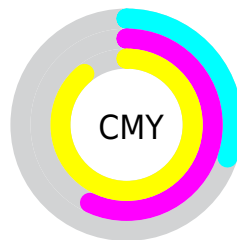
- Red (70%)
- Green (43%)
- Blue (11%)



- Red (63%)
- Yellow (70%)
- Blue (11%)



- Cyan (0%)
- Magenta (39%)
- Yellow (84%)
- Black (30%)



- Cyan (30%)
- Magenta (57%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color B36D1D 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 B36D1D by changing the saturation by 10% instead.

 B36D1D

 B36D1D

FFFFFF

 955400

 EFA151

 793D00

 FFBC6B

 5C2600

 FFD885

 401100

 FFF4A0

 280000

 FFFFBB

 000000

 FFFFD8

 FFFFF5

 B36D1D

 B36D1D

 B3650B

 B3752F

 B35F00

 B37E41

 B38653

 B38E65

 B39777

 B39F88

 B3A79A

 B3B0AC

 B3B8BE

Harmonies

Analogous

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



CE5945



B36D1D



8B7F07

Triad

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



B36D1D



009488



8E6BCB

Complementary

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



B36D1D



1D63B3

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.



107FDE



B36D1D



0093B7

Square

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



B36D1D



009256



008CD7



C156A4

Rectangle

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



B36D1D



6A881B



008CD7



7472D4

Sweetspot

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



B36D1D



E8CDAE



B31D63



756552



F5F5F5



757575

Same Dimension

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



B36D1D



E87C00



AEB31D



595550



995200



1A0E00

Inverse Universe

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



1D63B3



006CE8



221DB3



505459



004799



000C1A

Previews

White Background



This preview shows how the Hex color B36D1D looks on a white background.

Color Contrast Check

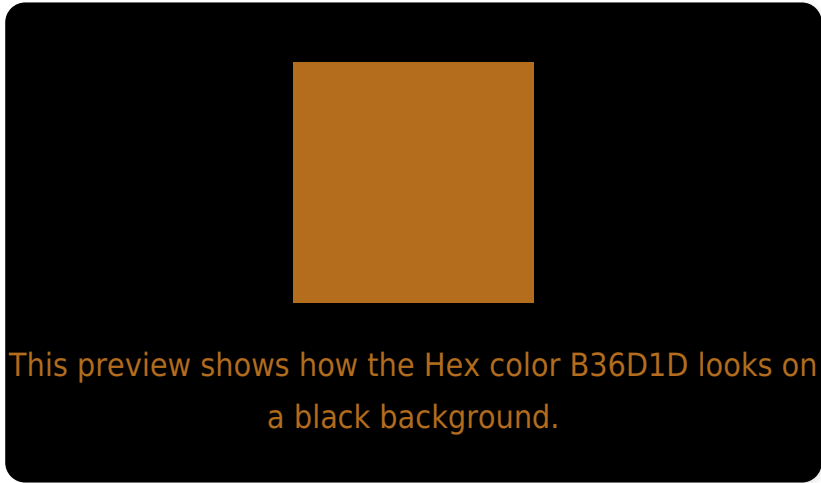
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 B36D1D Background



This preview shows how black text looks on a background with the Hex color B36D1D.



This preview shows how white text looks on a background with the Hex color B36D1D.

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
B36D1D

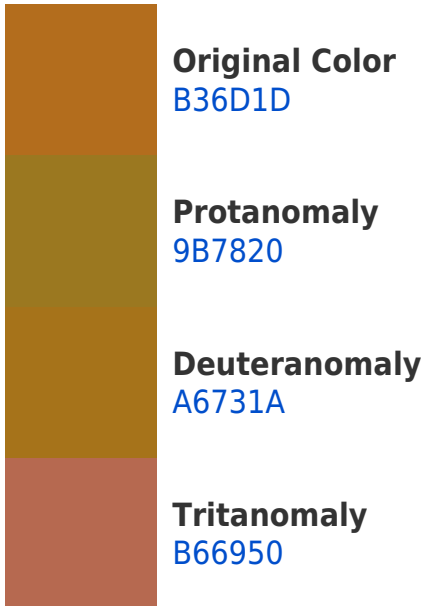
Protanopia
8D7E21

Deuteranopia
9F7718

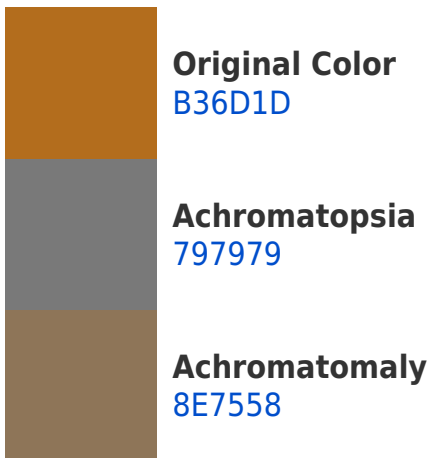


Tritanopia
B7666D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B36D1D 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 #B36D1D looks like.

```
.text, #text, p{  
    color:#B36D1D  
}
```

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 #B36D1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B36D1D
}
```

Border

The CSS property to change the border of an element to Hex B36D1D 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
#B36D1D }
```

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

```
.border{ border-color:#B36D1D }
```

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

Here you see how a box with a 4 pixel #B36D1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B36D1D; -webkit-box-shadow:4px 4px  
4px 4px #B36D1D; box-shadow:4px 4px 4px  
4px #B36D1D }
```

Background

The CSS property to change the background color of an element to Hex B36D1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B36D1D }
```

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

```
.background{ background-color:#B36D1D }
```

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