

# Converting Colors

Hex(B36E01)

Have a look what the booklet for  
Hex(B36E01) contains.

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**Color**

**Hex(B36E01)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B36E01
RGB	179, 110, 1
RGB Percent	70%, 43%, 0%
CMY	0.2980, 0.5686, 0.9961
CMYK	0.00, 0.39, 0.99, 0.30
HSL	37°, 99%, 35%
HSV	37°, 99%, 70%
XYZ	24.1718, 20.7378, 2.7575
YIQ	118.2050, 76.1130, -19.2710

# Conversions

## Conversions Part 2

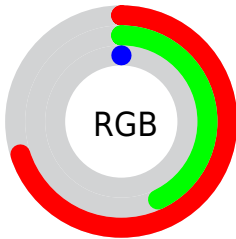
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 179, 1
Decimal	11759105
CIELab	52.66, 20.83, 59.65
CIELCh	53, 63.180, 70.752
Yxy	20.7378, 0.5071, 0.4351
Android (android.graphics.Color)	4289949185 (0xFFB36E01)
YUV	118.2050, -57.7821, 53.3172
Hunter-Lab	45.5387, 15.0545, 28.2869

# Details

The Hex color **B36E01** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0146B3**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **F0A241**, and **783E00** is the 20% darker color. If you saturate the color by 10%, you get **B36E00**, and if you desaturate by 10%, it is **B37513**.

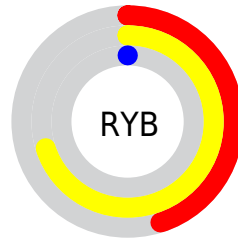
# Distribution



Red (70%)

Green (43%)

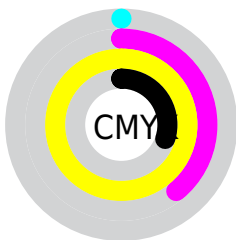
Blue (0%)



Red (45%)

Yellow (70%)

Blue (0%)

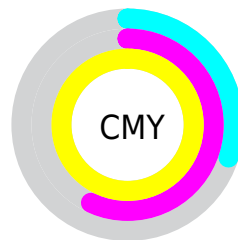


Cyan (0%)

Magenta (39%)

Yellow (99%)

Black (30%)



Cyan (30%)

Magenta (57%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B36E01 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 B36E01 by changing the saturation by 10% instead.



 B36E01

 B36E01

FFFFFF

 955600

 F0A241

 783E00

 FFBD5C

 5B2800

 FFD976

 401200

 FFF591

 280000

 FFFFAD

 000000

 FFFF C9

 FFFF E6

 B36E01

 B36E01

■ B36E00

■ B37513

■ B37C25

■ B38337

■ B38A49

■ B3915B

■ B3986C

■ B39F7E

■ B3A690

■ B3ACA2

# Harmonies

## Analogous

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



D35639



B36E01



858100

# Triad

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



B36E01



009690



9866D1

# Complementary

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



B36E01



0146B3

# 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.



027EE9



B36E01



0095C4

# Square

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



B36E01



009458



008DE4



CC4CA3

# Rectangle

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



B36E01



5F8A0B



008DE4



7D6FDC



# Sweetspot

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



B36E01



E8CDA2



B30148



75654B



F5F5F5



757575



# Same Dimension

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



B36E01



E88E00



A1B301



595650



995E00



1A1000



# Inverse Universe

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



0146B3



005AE8



1301B3



505459



003B99

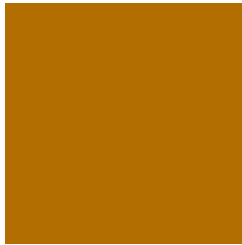


000A1A



# Previews

## White Background



This preview shows how the Hex color B36E01 looks on a white background.

## Color Contrast Check

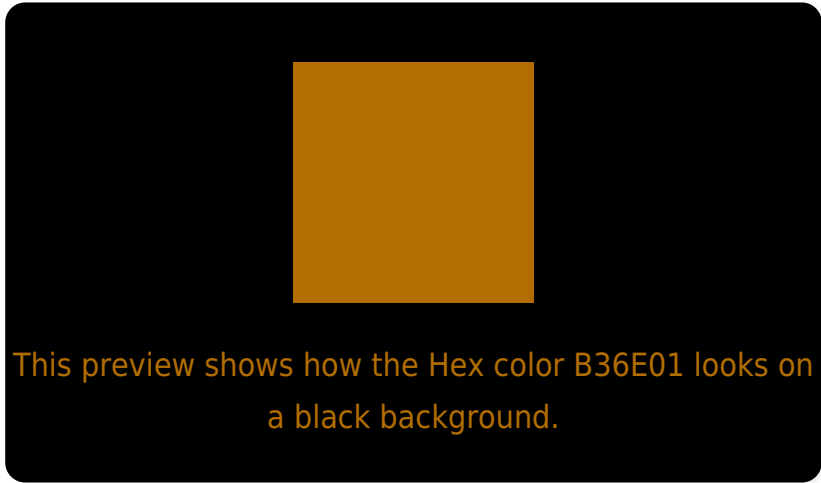
Large Text (above 18pt) WCAG AA ✓ Pass

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 B36E01 Background



This preview shows how black text looks on a background with the Hex color B36E01.



This preview shows how white text looks on a background with the Hex color B36E01.

# 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**  
B36E01

**Protanopia**  
8E7F0D

**Deuteranopia**  
A07800

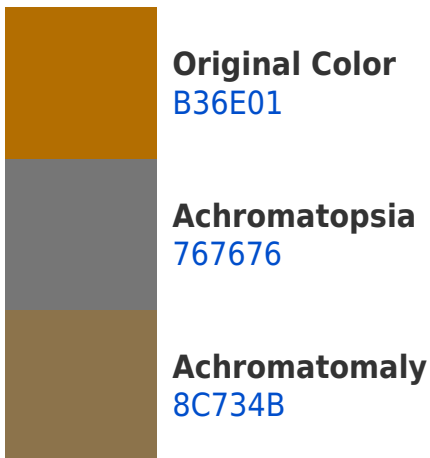


**Tritanopia**  
B7666E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B36E01 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 #B36E01 looks like.

```
.text, #text, p{  
    color:#B36E01  
}
```

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 #B36E01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B36E01
}
```

## Border

The CSS property to change the border of an element to Hex B36E01 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
#B36E01 }
```

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

```
.border{ border-color:#B36E01 }
```

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

Here you see how a box with a 4 pixel #B36E01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B36E01; -webkit-box-shadow:4px 4px  
4px 4px #B36E01; box-shadow:4px 4px 4px  
4px #B36E01 }
```

# Background

The CSS property to change the background color of an element to Hex B36E01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B36E01 }
```

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

```
.background{ background-color:#B36E01 }
```

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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