

# Converting Colors

Hex(036316)

Have a look what the booklet for  
Hex(036316) contains.

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**Color**

**Hex(036316)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	036316
RGB	3, 99, 22
RGB Percent	1%, 39%, 9%
CMY	0.9882, 0.6118, 0.9137
CMYK	0.97, 0.00, 0.78, 0.61
HSL	132°, 94%, 20%
HSV	132°, 97%, 39%
XYZ	4.6442, 9.0010, 2.2516
YIQ	61.5180, -32.4990, -44.2990

# Conversions

## Conversions Part 2

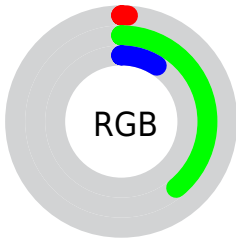
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 83, 99
Decimal	221974
CIE <sub>Lab</sub>	35.99, -41.28, 34.74
CIE <sub>LCh</sub>	36, 53.953, 139.924
Yxy	9.0010, 0.2921, 0.5662
Android (android.graphics.Color)	4278412054 (0xFF036316)
YUV	61.5180, -19.4824, -51.3203
Hunter-Lab	30.0016, -24.8712, 16.5514

# Details

The Hex color **036316** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **630350**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **479747**, and **003300** is the 20% darker color. If you saturate the color by 10%, you get **006314**, and if you desaturate by 10%, it is **0D631E**.

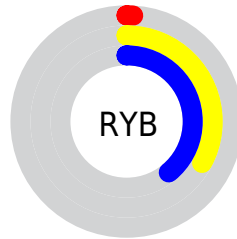
# Distribution



Red (1%)

Green (39%)

Blue (9%)



Red (1%)

Yellow (33%)

Blue (39%)

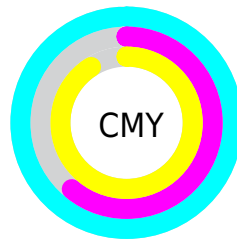


Cyan (97%)

Magenta (0%)

Yellow (78%)

Black (61%)



Cyan (99%)

Magenta (61%)


Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 036316 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 036316 by changing the saturation by 10% instead.



 036316

 036316

FFFFFF

 004A00

 479747

 003300

 63B25F

 001D00

 7ECE79

 000000

 9AEA93

 B6FFAE

 D2FFCA

 F0FFE6

 036316

 036316

■ 006314

■ 0D631E

■ 176326

■ 21632E

■ 2B6336

■ 35633E

■ 3E6346

■ 48634E

■ 526356

■ 5C635D

# Harmonies

## Analogous

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



4C5B00



036316



006744

# Triad

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



036316



005EAA



9F243A

# Complementary

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



036316



630350

# 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.



992465



036316



2C50A7

# Square

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



036316



006697



793A8D



913A10

# Rectangle

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



036316



006862



793A8D



A02048



# Sweetspot

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



036316



5B8062



516303



29402E



BFBFBF



404040



# Same Dimension

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



036316



008019



036345



2C302D



007016



00F02F



# Inverse Universe

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



630350



800066



630321



302C2F



70005A

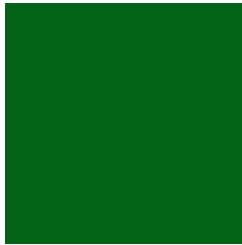


F000C0



# Previews

## White Background



This preview shows how the Hex color 036316 looks on a white background.

## Color Contrast Check

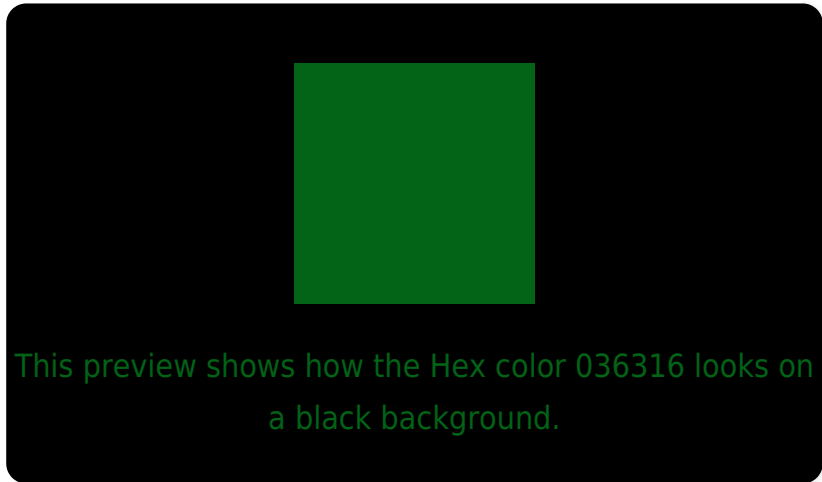
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

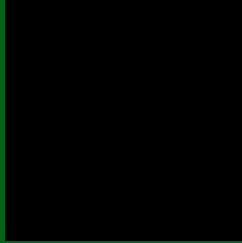
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 036316 Background



This preview shows how black text looks on a background with the Hex color 036316.



This preview shows how white text looks on a background with the Hex color 036316.

# 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**  
036316

**Protanopia**  
5F5512

**Deuteranopia**  
6A501E



**Tritanopia**  
295C64

# Trichromacy



**Original Color**  
036316



**Protanomaly**  
3E5A13



**Deuteranomaly**  
45571B



**Tritanomaly**  
1B5F48

# Monochromacy



**Original Color**  
036316



**Achromatopsia**  
3E3E3E



**Achromatomaly**  
294B2F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 036316 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 #036316 looks like.

```
.text, #text, p{  
    color:#036316  
}
```

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 #036316 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #036316
}
```

## Border

The CSS property to change the border of an element to Hex 036316 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".

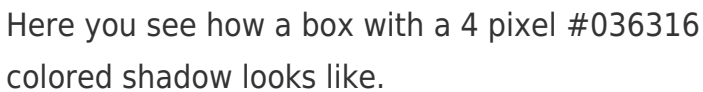
```
.border, #border, table{ border:4px solid
#036316 }
```

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

```
.border{ border-color:#036316 }
```

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

Here you see how a box with a 4 pixel #036316 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #036316; -webkit-box-shadow:4px 4px  
4px 4px #036316; box-shadow:4px 4px 4px  
4px #036316 }
```

# Background

The CSS property to change the background color of an element to Hex 036316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#036316 }
```

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

```
.background{ background-color:#036316 }
```

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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