

# Converting Colors

Hex(036331)

Have a look what the booklet for  
Hex(036331) contains.

<b>Hex(036331)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(036331)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	036331
RGB	3, 99, 49
RGB Percent	1%, 39%, 19%
CMY	0.9882, 0.6118, 0.8078
CMYK	0.97, 0.00, 0.51, 0.61
HSL	149°, 94%, 20%
HSV	149°, 97%, 39%
XYZ	5.0538, 9.1648, 4.4084
YIQ	64.5960, -41.1660, -35.9020

# Conversions

## Conversions Part 2

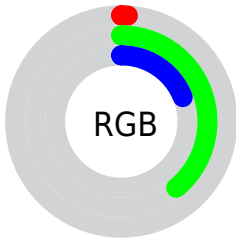
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 68, 99
Decimal	222001
CIE <sub>Lab</sub>	36.30, -37.41, 21.50
CIE <sub>LCh</sub>	36, 43.149, 150.120
Yxy	9.1648, 0.2713, 0.4920
Android (android.graphics.Color)	4278412081 (0xFF036331)
YUV	64.5960, -7.6888, -54.0197
Hunter-Lab	30.2734, -23.1801, 12.5577

# Details

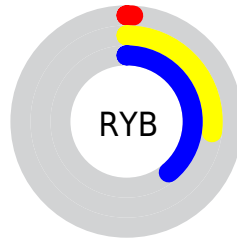
The Hex color **036331** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **630335**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **469760**, and **003303** is the 20% darker color. If you saturate the color by 10%, you get **00632F**, and if you desaturate by 10%, it is **0D6336**.

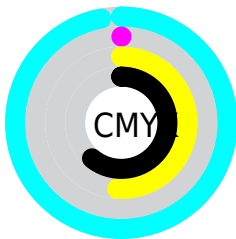
# Distribution



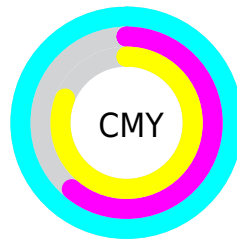
- Red (1%)
- Green (39%)
- Blue (19%)



- Red (1%)
- Yellow (27%)
- Blue (39%)



- Cyan (97%)
- Magenta (0%)
- Yellow (51%)
- Black (61%)



- Cyan (99%)
- Magenta (61%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 036331 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 036331 by changing the saturation by 10% instead.



 036331

 036331

FFFFFF

 004A1B

 469760

 003303

 61B279

 001E00

 7CCE93

 000000

 98EAAE

 B4FFC9

 D0FFE6

 EDFFFF

 036331

 036331

■ 00632F

■ 0D6336

■ 17633B

■ 216340

■ 2B6346

■ 35634B

■ 3E6350

■ 486355

■ 52635A

■ 5C635F

# Harmonies

## Analogous

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



445D12



036331



006554

# Triad

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



036331



00599B



913835

# Complementary

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



036331



630335

# 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.



923357



036331



554C92

# Square

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



036331



006291



7F3D78



814617

# Rectangle

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



036331



00666C



7F3D78



933540



# Sweetspot

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



036331



5B806C



366303



294034



BFBFBF



404040



# Same Dimension

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



036331



00803D



036360



2C302E



007036



00F073



# Inverse Universe

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



630335



800042



630306



302C2E



70003A



F0007D



# Previews

## White Background



This preview shows how the Hex color 036331 looks on a white background.

## Color Contrast Check

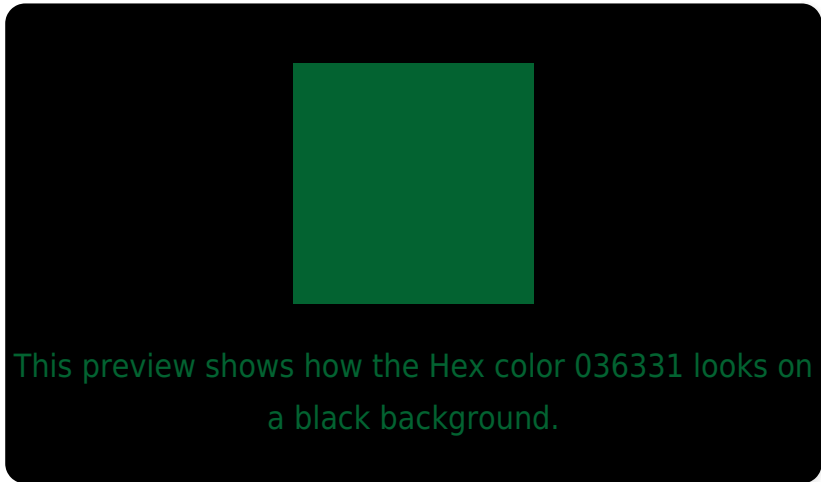
Large Text (above 18pt) WCAG AA ✓ Pass

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 036331 Background



This preview shows how black text looks on a background with the Hex color 036331.



This preview shows how white text looks on a background with the Hex color 036331.

# 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**  
036331

**Protanopia**  
5E552C

**Deuteranopia**  
675235



**Tritanopia**  
265D65

# Trichromacy



**Original Color**  
036331

**Protanomaly**  
3D5A2E

**Deuteranomaly**  
435834

**Tritanomaly**  
195F52

# Monochromacy



**Original Color**  
036331

**Achromatopsia**  
414141

**Achromatomaly**  
2A4D3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 036331 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 #036331 looks like.

```
.text, #text, p{  
    color:#036331  
}
```

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 #036331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #036331
}
```

## Border

The CSS property to change the border of an element to Hex 036331 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
#036331 }
```

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

```
.border{ border-color:#036331 }
```

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

Here you see how a box with a 4 pixel #036331 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #036331; -webkit-box-shadow:4px 4px  
4px 4px #036331; box-shadow:4px 4px 4px  
4px #036331 }
```

# Background

The CSS property to change the background color of an element to Hex 036331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#036331 }
```

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

```
.background{ background-color:#036331 }
```

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