

# Converting Colors

Hex(036B3D)

Have a look what the booklet for  
Hex(036B3D) contains.

<b>Hex(036B3D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(036B3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	036B3D
RGB	3, 107, 61
RGB Percent	1%, 42%, 24%
CMY	0.9882, 0.5804, 0.7608
CMYK	0.97, 0.00, 0.43, 0.58
HSL	153°, 95%, 22%
HSV	153°, 97%, 42%
XYZ	6.1376, 10.8717, 6.1898
YIQ	70.6600, -47.2180, -36.3540

# Conversions

## Conversions Part 2

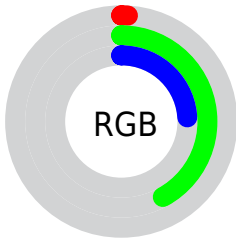
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 70, 107
Decimal	224061
CIELab	39.36, -38.04, 18.55
CIELCh	39, 42.323, 154.001
Yxy	10.8717, 0.2646, 0.4686
Android (android.graphics.Color)	4278414141 (0xFF036B3D)
YUV	70.6600, -4.7624, -59.3378
Hunter-Lab	32.9722, -24.4748, 11.9501

# Details

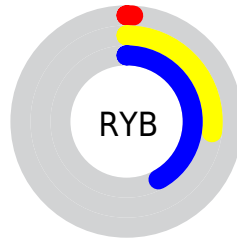
The Hex color **036B3D** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6B0331**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **499F6D**, and **003A12** is the 20% darker color. If you saturate the color by 10%, you get **006B3C**, and if you desaturate by 10%, it is **0E6B42**.

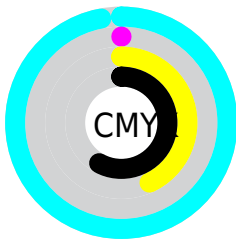
# Distribution



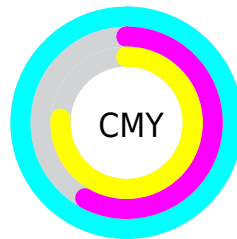
- Red (1%)
- Green (42%)
- Blue (24%)



- Red (1%)
- Yellow (27%)
- Blue (42%)



- Cyan (97%)
- Magenta (0%)
- Yellow (43%)
- Black (58%)



- Cyan (99%)
- Magenta (58%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 036B3D 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 036B3D by changing the saturation by 10% instead.



 036B3D

 036B3D


FFFFFF

 005227

 499F6D

 003A12

 64BB86

 002600

 80D7A1

 000000

 9BF3BC

 B7FFD8

 D4FFF4

 F1FFFF

 036B3D

 036B3D

■ 006B3C

■ 0E6B42

■ 186B46

■ 236B4B

■ 2E6B50

■ 396B55

■ 436B59

■ 4E6B5E

■ 596B63

■ 636B68

# Harmonies

## Analogous

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



47661F



036B3D



006D60

# Triad

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



036B3D



0B5FA2



984238

# Complementary

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



036B3D



6B0331

# 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.



9A3C5A



036B3D



645296

# Square

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



036B3D



00689A



8A437C



86501D

# Rectangle

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



036B3D



006D78



8A437C



9B3F43



# Sweetspot

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



036B3D



648C7A



326B03



2E473C



C7C7C7



474747



# Same Dimension

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



036B3D



008C4E



03666B



303633



007541



00F589



# Inverse Universe

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



6B0331



8C003E



6B0803



363033



750034



F5006C



# Previews

## White Background



This preview shows how the Hex color 036B3D looks on a white background.

## Color Contrast Check

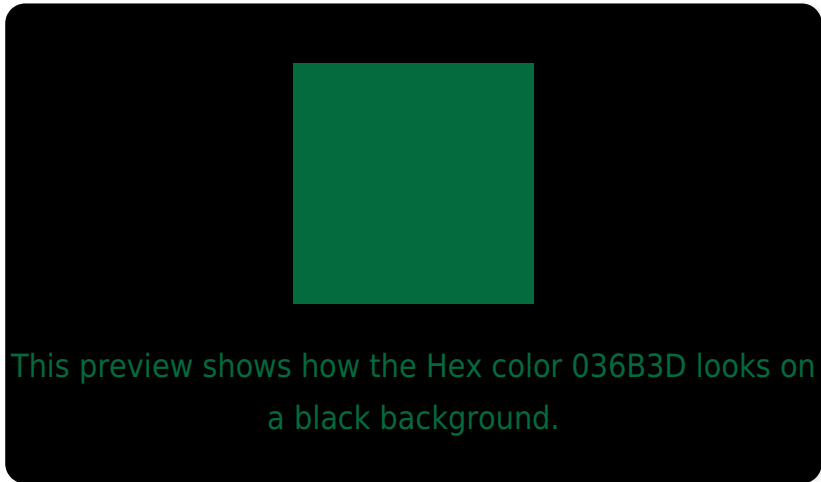
Large Text (above 18pt) WCAG AA ✓ Pass

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 036B3D Background



This preview shows how black text looks on a background with the Hex color 036B3D.



This preview shows how white text looks on a background with the Hex color 036B3D.

# 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**  
036B3D

**Protanopia**  
655D37

**Deuteranopia**  
6E5941



**Tritanopia**  
28656E

# Trichromacy



**Original Color**  
036B3D



**Protanomaly**  
416239



**Deuteranomaly**  
476040



**Tritanomaly**  
1B675C

# Monochromacy



**Original Color**  
036B3D



**Achromatopsia**  
474747



**Achromatomaly**  
2E5443

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 036B3D 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 #036B3D looks like.

```
.text, #text, p{  
    color:#036B3D  
}
```

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 #036B3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #036B3D
}
```

## Border

The CSS property to change the border of an element to Hex 036B3D 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
#036B3D }
```

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

```
.border{ border-color:#036B3D }
```

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

Here you see how a box with a 4 pixel #036B3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #036B3D; -webkit-box-shadow:4px 4px  
4px 4px #036B3D; box-shadow:4px 4px 4px  
4px #036B3D }
```

# Background

The CSS property to change the background color of an element to Hex 036B3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#036B3D }
```

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

```
.background{ background-color:#036B3D }
```

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