

# Converting Colors

Hex(036F52)

Have a look what the booklet for  
Hex(036F52) contains.

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# Color

Hex(036F52)

# Conversions

## Conversions Part 1

Format	Color
Hex	036F52
RGB	3, 111, 82
RGB Percent	1%, 44%, 32%
CMY	0.9882, 0.5647, 0.6784
CMYK	0.97, 0.00, 0.26, 0.56
HSL	164°, 95%, 22%
HSV	164°, 97%, 44%
XYZ	7.2450, 11.9974, 9.9165
YIQ	75.4020, -55.0590, -31.9150

# Conversions

## Conversions Part 2

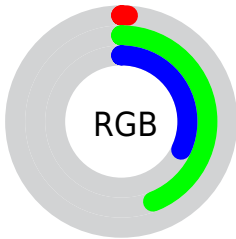
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 65, 111
Decimal	225106
CIELab	41.21, -34.60, 8.66
CIELCh	41, 35.670, 165.953
Yxy	11.9974, 0.2485, 0.4114
Android (android.graphics.Color)	4278415186 (0xFF036F52)
YUV	75.4020, 3.2528, -63.4966
Hunter-Lab	34.6373, -23.2790, 7.2716

# Details

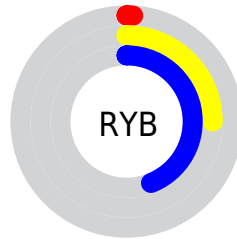
The Hex color **036F52** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6F0320**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4AA383**, and **003E25** is the 20% darker color. If you saturate the color by 10%, you get **006F51**, and if you desaturate by 10%, it is **0E6F55**.

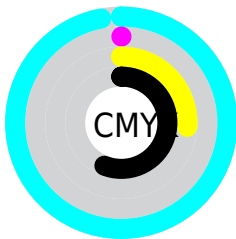
# Distribution



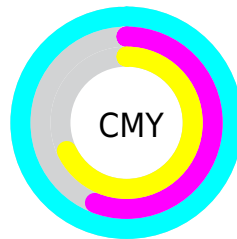
- Red (1%)
- Green (44%)
- Blue (32%)



- Red (1%)
- Yellow (25%)
- Blue (44%)



- Cyan (97%)
- Magenta (0%)
- Yellow (26%)
- Black (56%)



- Cyan (99%)
- Magenta (56%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 036F52 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 036F52 by changing the saturation by 10% instead.



 036F52

 036F52

FFFFFF

 00563B

 4AA383

 003E25

 66BF9D

 002811

 82DBB8

 000800

 9EF8D4

 000000

 BAFFF0

 D7FFFF

 F4FFFF

 036F52

 036F52

■ 006F51

■ 0E6F55

■ 196F58

■ 246F5B

■ 2F6F5E

■ 3B6F61

■ 466F64

■ 516F67

■ 5C6F6A

■ 676F6D

# Harmonies

## Analogous

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



426B37



036F52



007070

# Triad

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



036F52



4C5F99



915038

# Complementary

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



036F52



6F0320

# 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.



984953



036F52



77538A

# Square

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



036F52



00689A



904A70



7E5B27

# Rectangle

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



036F52



006F83



904A70



954D40



# Sweetspot

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



036F52



679186



226F03



304A43



C9C9C9



4A4A4A



# Same Dimension

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



036F52



00916A



03586F



323837



007858



00F7B5



# Inverse Universe

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



6F0320



910027



6F1A03



383234



780020



F70042



# Previews

## White Background



This preview shows how the Hex color 036F52 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 036F52 Background



This preview shows how black text looks on a background with the Hex color 036F52.



This preview shows how white text looks on a background with the Hex color 036F52.

# 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**  
036F52

**Protanopia**  
67614B

**Deuteranopia**  
6E5D56



**Tritanopia**  
246B73

# Trichromacy



**Original Color**  
036F52



**Protanomaly**  
43664E



**Deuteranomaly**  
476455



**Tritanomaly**  
186C67

# Monochromacy



**Original Color**  
036F52



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
31584E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 036F52 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 #036F52 looks like.

```
.text, #text, p{  
    color:#036F52  
}
```

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 #036F52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #036F52
}
```

## Border

The CSS property to change the border of an element to Hex 036F52 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
#036F52 }
```

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

```
.border{ border-color:#036F52 }
```

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

Here you see how a box with a 4 pixel #036F52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #036F52; -webkit-box-shadow:4px 4px  
4px 4px #036F52; box-shadow:4px 4px 4px  
4px #036F52 }
```

# Background

The CSS property to change the background color of an element to Hex 036F52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#036F52 }
```

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

```
.background{ background-color:#036F52 }
```

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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