

# Converting Colors

Hex(066360)

Have a look what the booklet for  
Hex(066360) contains.

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# Color

Hex(066360)

# Conversions

## Conversions Part 1

Format	Color
Hex	066360
RGB	6, 99, 96
RGB Percent	2%, 39%, 38%
CMY	0.9765, 0.6118, 0.6235
CMYK	0.94, 0.00, 0.03, 0.61
HSL	178°, 89%, 21%
HSV	178°, 94%, 39%
XYZ	6.6483, 9.8069, 12.6089
YIQ	70.8510, -54.4650, -20.6490

# Conversions

## Conversions Part 2

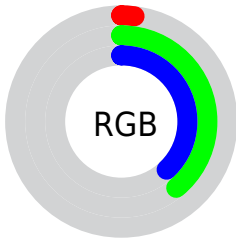
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">6, 53, 99</a>
Decimal	<a href="#">418656</a>
CIELab	<a href="#">37.49, -24.56, -5.25</a>
CIELCh	<a href="#">37, 25.119, 192.073</a>
Yxy	<a href="#">9.8069, 0.2287, 0.3374</a>
Android (android.graphics.Color)	<a href="#">4278608736</a> (0xFF066360)
YUV	<a href="#">70.8510, 12.3985, -56.8743</a>
Hunter-Lab	<a href="#">31.3160, -16.9082, -1.9509</a>

# Details

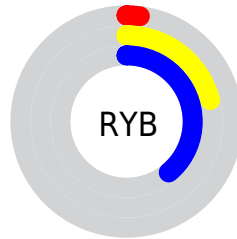
The Hex color **066360** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **630609**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **4A9692**, and **003432** is the 20% darker color. If you saturate the color by 10%, you get **006360**, and if you desaturate by 10%, it is **106360**.

# Distribution



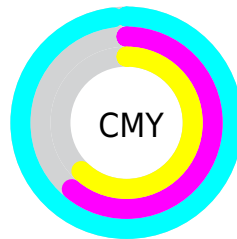
- Red (2%)
- Green (39%)
- Blue (38%)



- Red (2%)
- Yellow (21%)
- Blue (39%)



- Cyan (94%)
- Magenta (0%)
- Yellow (3%)
- Black (61%)



- Cyan (98%)
- Magenta (61%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 066360 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 066360 by changing the saturation by 10% instead.



 066360

 066360

FFFFFF

 004B48

 4A9692

 003432

 65B1AD

 00201D

 80CDC8

 000002

 9CE9E4

 000000

 B8FFFF

 D5FFFF

 F2FFFF

 066360

 066360

■ 006360

■ 106360

■ 1A6361

■ 246361

■ 2E6361

■ 386362

■ 416362

■ 4B6362

■ 556363

■ 5F6363

# Harmonies

## Analogous

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



2D624B



066360



006273

# Triad

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



066360



655076



705332

# Complementary

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



066360



630609

# 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.



7C4C3E



066360



784A65

# Square

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



066360



485780



7F4851



5D5A30

# Rectangle

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



066360



115F7C



7F4851



755035



# Sweetspot

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



066360



5C807E



096306



2A403F



BFBFBF



404040



# Same Dimension

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



066360



00807B



063863



2C3030



00706D



00F0E8



# Inverse Universe

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



630609



800004



633106



302C2C



700004



F00008



# Previews

## White Background



This preview shows how the Hex color 066360 looks on a white background.

### Color Contrast Check

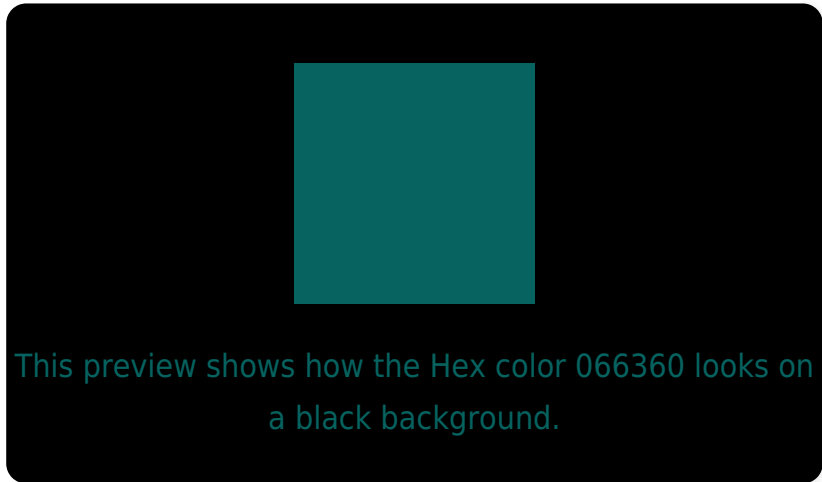
Large Text (above 18pt) WCAG AA ✓ Pass

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

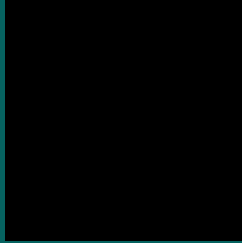
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 066360 Background



This preview shows how black text looks on a background with the Hex color 066360.

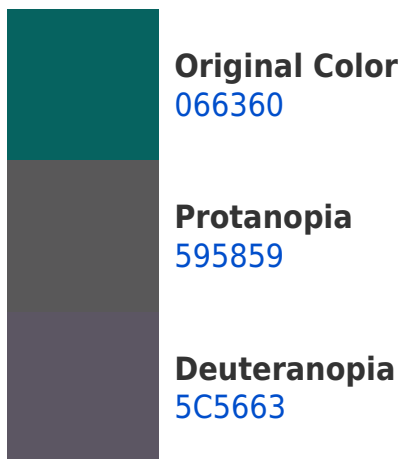


This preview shows how white text looks on a background with the Hex color 066360.

# 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](#).

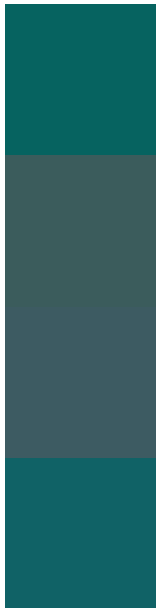
## Dichromacy





**Tritanopia**  
156269

# Trichromacy



**Original Color**  
066360

**Protanomaly**  
3B5C5C

**Deuteranomaly**  
3D5B62

**Tritanomaly**  
106266

# Monochromacy



**Original Color**  
066360

**Achromatopsia**  
474747

**Achromatomaly**  
2F5150

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 066360 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 #066360 looks like.

```
.text, #text, p{  
    color:#066360  
}
```

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 #066360 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #066360
}
```

## Border

The CSS property to change the border of an element to Hex 066360 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
#066360 }
```

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

```
.border{ border-color:#066360 }
```

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

Here you see how a box with a 4 pixel #066360 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #066360; -webkit-box-shadow:4px 4px  
4px 4px #066360; box-shadow:4px 4px 4px  
4px #066360 }
```

# Background

The CSS property to change the background color of an element to Hex 066360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#066360 }
```

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

```
.background{ background-color:#066360 }
```

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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