

# Converting Colors

Hex(065849)

Have a look what the booklet for  
Hex(065849) contains.

<b>Hex(065849)</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(065849)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	065849
RGB	6, 88, 73
RGB Percent	2%, 35%, 29%
CMY	0.9765, 0.6549, 0.7137
CMYK	0.93, 0.00, 0.17, 0.65
HSL	169°, 87%, 18%
HSV	169°, 93%, 35%
XYZ	4.7674, 7.4992, 7.4996
YIQ	61.7720, -44.0570, -22.0490

# Conversions

## Conversions Part 2

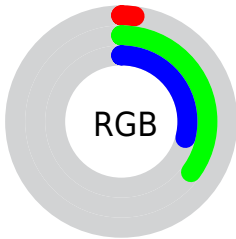
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">6, 51, 88</a>
Decimal	<a href="#">415817</a>
CIELab	<a href="#">32.92, -26.45, 2.36</a>
CIELCh	<a href="#">33, 26.559, 174.907</a>
Yxy	<a href="#">7.4992, 0.2412, 0.3794</a>
Android (android.graphics.Color)	<a href="#">4278605897</a> (0xFF065849)
YUV	<a href="#">61.7720, 5.5354, -48.9120</a>
Hunter-Lab	<a href="#">27.3847, -16.8479, 2.9321</a>

# Details

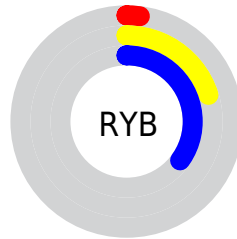
The Hex color **065849** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **580615**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **458B79**, and **002A1E** is the 20% darker color. If you saturate the color by 10%, you get **005848**, and if you desaturate by 10%, it is **0F584B**.

# Distribution



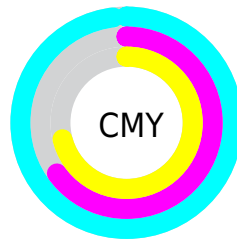
- Red (2%)
- Green (35%)
- Blue (29%)



- Red (2%)
- Yellow (20%)
- Blue (35%)



- Cyan (93%)
- Magenta (0%)
- Yellow (17%)
- Black (65%)



- Cyan (98%)
- Magenta (65%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 065849 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 065849 by changing the saturation by 10% instead.



 065849

 065849

FFFFFF

 004033

 458B79

 002A1E

 5FA593

 001204

 7AC0AE

 000000

 95DCC9

 B1F9E5

 CDFFFF

 EAFFFF

 065849

 065849

■ 005848

■ 0F584B

■ 18584C

■ 20584E

■ 29584F

■ 325851

■ 3B5853

■ 445854

■ 4C5856

■ 555857

# Harmonies

## Analogous

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



305635



065849



00585E

# Triad

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



065849



4A4973



6D432C

# Complementary

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



065849



580615

# 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.



753D3D



065849



644166

# Square

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



065849



225177



723C52



5D4B23

# Rectangle

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



065849



00576A



723C52



714131



# Sweetspot

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



065849



53736D



155806



273B37



BABABA



3B3B3B



# Same Dimension

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



065849



00735E



063E58



272B2B



006B58



00EBC0



# Inverse Universe

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



580615



730015



582006



2B2728



6B0014

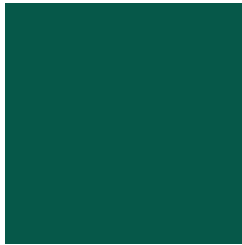


EB002B



# Previews

## White Background



This preview shows how the Hex color 065849 looks on a white background.

## Color Contrast Check

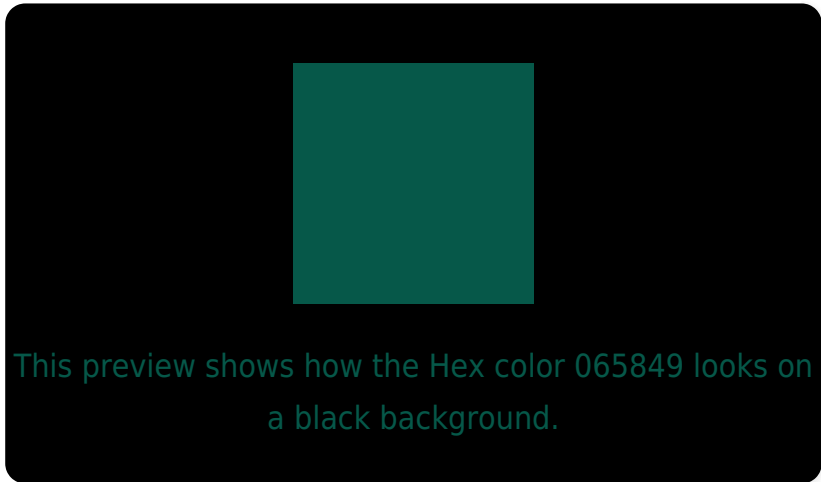
Large Text (above 18pt) WCAG AA ✓ Pass

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 065849 Background



This preview shows how black text looks on a background with the Hex color 065849.

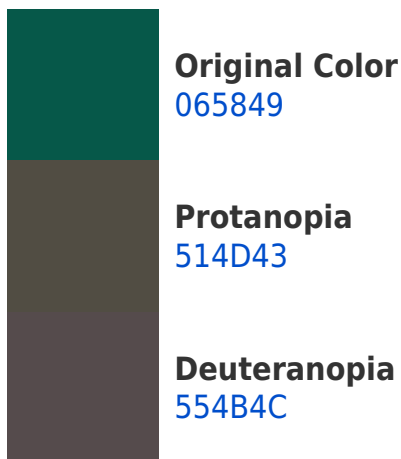



This preview shows how white text looks on a background with the Hex color 065849.

# 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**  
1A555C

# Trichromacy



**Original Color**  
065849

**Protanomaly**  
365145

**Deuteranomaly**  
38504B

**Tritanomaly**  
135655

# Monochromacy



**Original Color**  
065849

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
2A4742

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 065849 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 #065849 looks like.

```
.text, #text, p{  
    color:#065849  
}
```

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 #065849 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #065849
}
```

## Border

The CSS property to change the border of an element to Hex 065849 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
#065849 }
```

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

```
.border{ border-color:#065849 }
```

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

Here you see how a box with a 4 pixel #065849 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #065849; -webkit-box-shadow:4px 4px  
4px 4px #065849; box-shadow:4px 4px 4px  
4px #065849 }
```

# Background

The CSS property to change the background color of an element to Hex 065849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#065849 }
```

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

```
.background{ background-color:#065849 }
```

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