

# Converting Colors

Hex(065448)

Have a look what the booklet for  
Hex(065448) contains.

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# Color

Hex(065448)

# Conversions

## Conversions Part 1

Format	Color
Hex	065448
RGB	6, 84, 72
RGB Percent	2%, 33%, 28%
CMY	0.9765, 0.6706, 0.7176
CMYK	0.93, 0.00, 0.14, 0.67
HSL	171°, 87%, 18%
HSV	171°, 93%, 33%
XYZ	4.4151, 6.8472, 7.2198
YIQ	59.3100, -42.6360, -20.2680

# Conversions

## Conversions Part 2

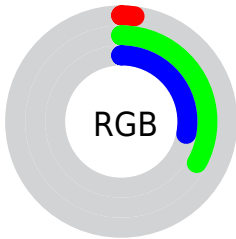
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 48, 84
Decimal	414792
CIELab	31.46, -24.82, 0.87
CIELCh	31, 24.832, 177.989
Yxy	6.8472, 0.2389, 0.3705
Android (android.graphics.Color)	4278604872 (0xFF065448)
YUV	59.3100, 6.2562, -46.7529
Hunter-Lab	26.1672, -15.6749, 1.9583

# Details

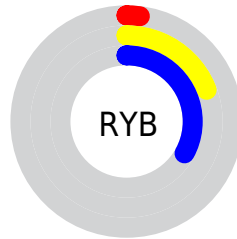
The Hex color **065448** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **540612**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **438678**, and **00261D** is the 20% darker color. If you saturate the color by 10%, you get **005447**, and if you desaturate by 10%, it is **0E5449**.

# Distribution



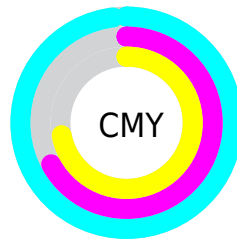
- Red (2%)
- Green (33%)
- Blue (28%)



- Red (2%)
- Yellow (19%)
- Blue (33%)



- Cyan (93%)
- Magenta (0%)
- Yellow (14%)
- Black (67%)



- Cyan (98%)
- Magenta (67%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 065448 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 065448 by changing the saturation by 10% instead.



065448

065448

FFFFFF

003C32

438678

00261D

5EA192

000A03

78BCAD

000000

93D8C8

AFF4E4

CBFFFF

E8FFFF

065448

065448

■ 005447

■ 0E5449

■ 17544B

■ 1F544C

■ 28544D

■ 30544E

■ 385450

■ 415451

■ 495452

■ 525454

# Harmonies

## Analogous

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



2C5235



065448



00545C

# Triad

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



065448



4A456C



66422A

# Complementary

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



065448



540612

# 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.



6F3C39



065448



613E5F

# Square

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



065448



274C71



6D3A4C



574822

# Rectangle

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



065448



005266



6D3A4C



6A3F2E



# Sweetspot

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



065448



4F6E69



135406



253835



B8B8B8



383838



# Same Dimension

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



065448



006E5D



063A54



252928



006958



00E8C4



# Inverse Universe

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



540612



6E0011



542006



292525



690010

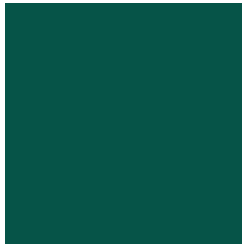


E80024



# Previews

## White Background



This preview shows how the Hex color 065448 looks on a white background.

## Color Contrast Check

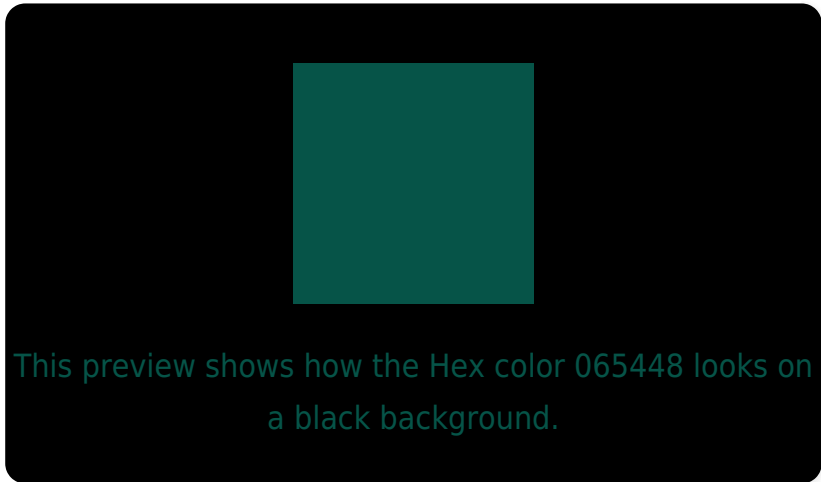
Large Text (above 18pt) WCAG AA ✓ Pass

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

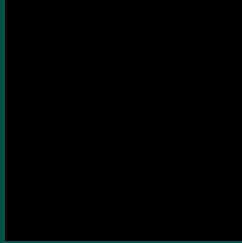
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 065448 Background



This preview shows how black text looks on a background with the Hex color 065448.



This preview shows how white text looks on a background with the Hex color 065448.

# 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**  
065448

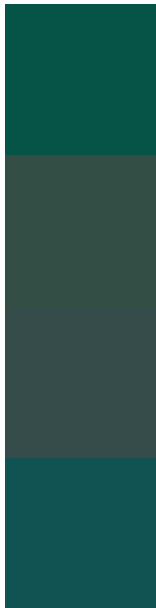
**Protanopia**  
4D4A43

**Deuteranopia**  
51484B



**Tritanopia**  
185258

# Trichromacy



**Original Color**  
065448

**Protanomaly**  
334E45

**Deuteranomaly**  
364C4A

**Tritanomaly**  
115352

# Monochromacy



**Original Color**  
065448

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
284440

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 065448 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 #065448 looks like.

```
.text, #text, p{  
    color:#065448  
}
```

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 #065448 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #065448
}
```

## Border

The CSS property to change the border of an element to Hex 065448 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
#065448 }
```

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

```
.border{ border-color:#065448 }
```

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

Here you see how a box with a 4 pixel #065448 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #065448; -webkit-box-shadow:4px 4px  
4px 4px #065448; box-shadow:4px 4px 4px  
4px #065448 }
```

# Background

The CSS property to change the background color of an element to Hex 065448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#065448 }
```

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

```
.background{ background-color:#065448 }
```

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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