

Converting Colors

Hex(065449)

Have a look what the booklet for
Hex(065449) contains.

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Color

Hex(065449)

Conversions

Conversions Part 1

Format	Color
Hex	065449
RGB	6, 84, 73
RGB Percent	2%, 33%, 29%
CMY	0.9765, 0.6706, 0.7137
CMYK	0.93, 0.00, 0.13, 0.67
HSL	172°, 87%, 18%
HSV	172°, 93%, 33%
XYZ	4.4480, 6.8604, 7.3931
YIQ	59.4240, -42.9570, -19.9570

Conversions

Conversions Part 2

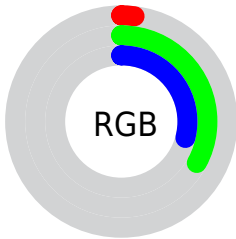
Format	Color
RYB	6, 48, 84
Decimal	414793
CIELab	31.49, -24.50, 0.28
CIELCh	31, 24.504, 179.342
Yxy	6.8604, 0.2378, 0.3668
Android (android.graphics.Color)	4278604873 (0xFF065449)
YUV	59.4240, 6.6930, -46.8528
Hunter-Lab	26.1924, -15.5235, 1.5994

Details

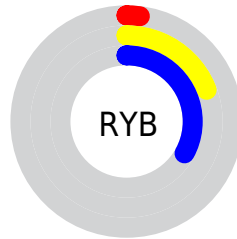
The Hex color **065449** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **540611**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **448679**, and **00261E** is the 20% darker color. If you saturate the color by 10%, you get **005448**, and if you desaturate by 10%, it is **0E544A**.

Distribution



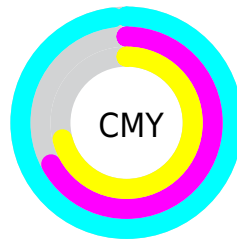
- Red (2%)
- Green (33%)
- Blue (29%)



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



- Cyan (93%)
- Magenta (0%)
- Yellow (13%)
- Black (67%)



- Cyan (98%)
- Magenta (67%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 065449 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 065449 by changing the saturation by 10% instead.

065449

065449

FFFFFF

003C33

448679

00261E

5EA193

000A04

78BCAE

000000

93D8C9

AFF4E5

CBFFFF

E8FFFF

065449

065449

■ 005448

■ 0E544A

■ 17544B

■ 1F544D

■ 28544E

■ 30544F

■ 385450

■ 415451

■ 495452

■ 525454

Harmonies

Analogous

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



2B5236



065449



00545C

Triad

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



065449



4B456C



66422A

Complementary

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



065449



540611

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.



6E3C38



065449



623E5E

Square

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



065449



2A4C70



6D3B4B



564923

Rectangle

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



065449



005267



6D3B4B



69402E

Sweetspot

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



065449



4F6E69



125406



253835



B8B8B8



383838

Same Dimension

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



065449



006E5E



063954



252928



00695A



00E8C7

Inverse Universe

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



540611



6E000F



542106



292525



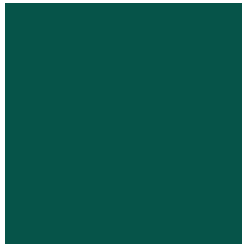
69000F



E80021

Previews

White Background



This preview shows how the Hex color 065449 looks on a white background.

Color Contrast Check

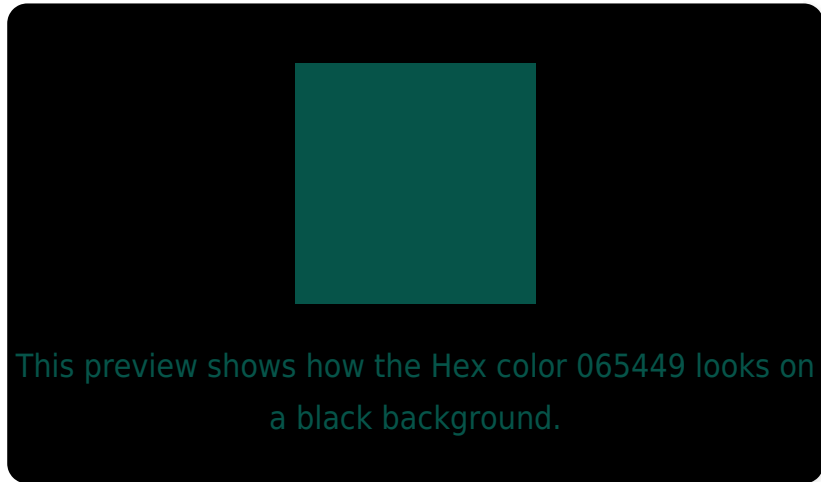
Large Text (above 18pt) WCAG AA ✓ Pass

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

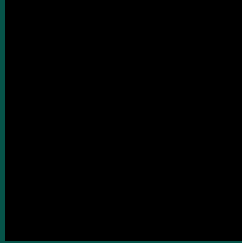
Any Text WCAG AA × Fail

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 065449 Background



This preview shows how black text looks on a background with the Hex color 065449.



This preview shows how white text looks on a background with the Hex color 065449.

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
065449

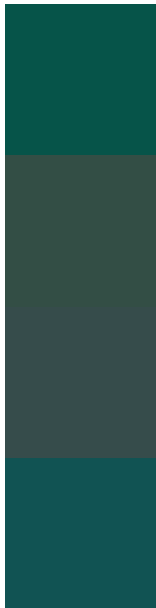
Protanopia
4D4A43

Deuteranopia
51484C



Tritanopia
175258

Trichromacy



Original Color
065449

Protanomaly
334E45

Deuteranomaly
364C4B

Tritanomaly
115353

Monochromacy



Original Color
065449

Achromatopsia
3B3B3B

Achromatomaly
284440

CSS Examples

Text

The CSS property to change the color of the text to Hex 065449 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 #065449 looks like.

```
.text, #text, p{  
    color:#065449  
}
```

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 #065449 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #065449
}
```

Border

The CSS property to change the border of an element to Hex 065449 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
#065449 }
```

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

```
.border{ border-color:#065449 }
```

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

Here you see how a box with a 4 pixel #065449 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #065449; -webkit-box-shadow:4px 4px  
4px 4px #065449; box-shadow:4px 4px 4px  
4px #065449 }
```

Background

The CSS property to change the background color of an element to Hex 065449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#065449 }
```

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

```
.background{ background-color:#065449 }
```

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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