

Converting Colors

Hex(065748)

Have a look what the booklet for
Hex(065748) contains.

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Color

Hex(065748)

Conversions

Conversions Part 1

Format	Color
Hex	065748
RGB	6, 87, 72
RGB Percent	2%, 34%, 28%
CMY	0.9765, 0.6588, 0.7176
CMYK	0.93, 0.00, 0.17, 0.66
HSL	169°, 87%, 18%
HSV	169°, 93%, 34%
XYZ	4.6530, 7.3230, 7.2991
YIQ	61.0710, -43.4610, -21.8370

Conversions

Conversions Part 2

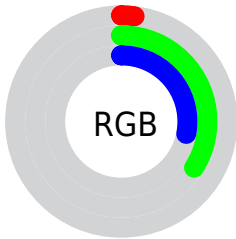
Format	Color
RYB	6, 51, 87
Decimal	415560
CIELab	32.53, -26.28, 2.43
CIELCh	33, 26.389, 174.719
Yxy	7.3230, 0.2414, 0.3799
Android (android.graphics.Color)	4278605640 (0xFF065748)
YUV	61.0710, 5.3880, -48.2973
Hunter-Lab	27.0610, -16.6647, 2.9505

Details

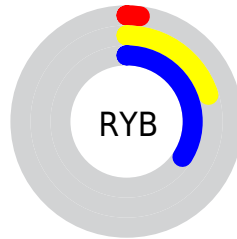
The Hex color **065748** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **570615**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **448978**, and **00291D** is the 20% darker color. If you saturate the color by 10%, you get **005747**, and if you desaturate by 10%, it is **0F574A**.

Distribution



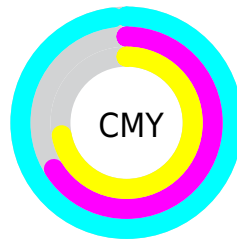
- Red (2%)
- Green (34%)
- Blue (28%)



- Red (2%)
- Yellow (20%)
- Blue (34%)



- Cyan (93%)
- Magenta (0%)
- Yellow (17%)
- Black (66%)



- Cyan (98%)
- Magenta (66%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 065748 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 065748 by changing the saturation by 10% instead.

 065748

 065748

FFFFFF

 003F32

 448978

 00291D

 5FA492

 001003

 79BFAD

 000000

 94DBC8

 B0F8E4

 CCFFFF

 E9FFFF

 065748

 065748

■ 005747

■ 0F574A

■ 17574B

■ 20574D

■ 29574E

■ 325750

■ 3A5752

■ 435753

■ 4C5755

■ 545757

Harmonies

Analogous

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



2F5534



065748



00575D

Triad

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



065748



494972



6C432B

Complementary

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



065748



570615

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.



743D3C



065748



634165

Square

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



065748



215076



713C51



5C4A22

Rectangle

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



065748



005669



713C51



704030

Sweetspot

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



065748



51706A



165706



253835



B8B8B8



383838

Same Dimension

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



065748



00705B



063F57



272B2B



006B57



00EBBF

Inverse Universe

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



570615



700015



571E06



2B2728



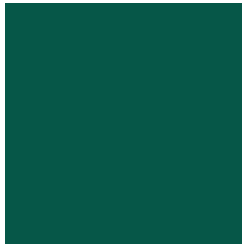
6B0014



EB002B

Previews

White Background



This preview shows how the Hex color 065748 looks on a white background.

Color Contrast Check

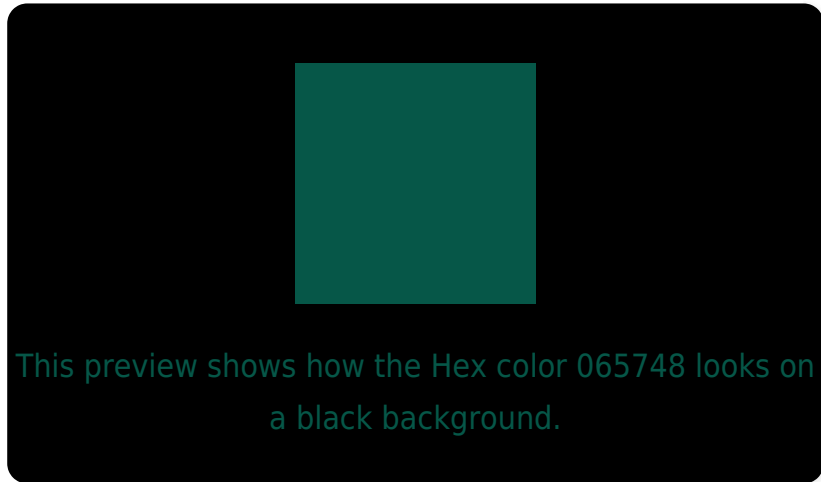
Large Text (above 18pt) WCAG AA ✓ Pass

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 065748 Background



This preview shows how black text looks on a background with the Hex color 065748.



This preview shows how white text looks on a background with the Hex color 065748.

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
065748

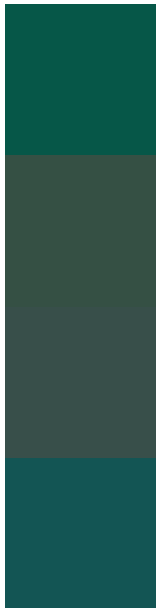
Protanopia
504C42

Deuteranopia
544A4B



Tritanopia
1A545B

Trichromacy



Original Color
065748

Protanomaly
355044

Deuteranomaly
384F4A

Tritanomaly
135554

Monochromacy



Original Color
065748

Achromatopsia
3D3D3D

Achromatomaly
294641

CSS Examples

Text

The CSS property to change the color of the text to Hex 065748 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 #065748 looks like.

```
.text, #text, p{  
    color:#065748  
}
```

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 #065748 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #065748  
}
```

Border

The CSS property to change the border of an element to Hex 065748 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  
#065748 }
```

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

```
.border{ border-color:#065748 }
```

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

Here you see how a box with a 4 pixel #065748 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #065748; -webkit-box-shadow:4px 4px  
4px 4px #065748; box-shadow:4px 4px 4px  
4px #065748 }
```

Background

The CSS property to change the background color of an element to Hex 065748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#065748 }
```

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

```
.background{ background-color:#065748 }
```

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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