

Converting Colors

Hex(047965)

Have a look what the booklet for
Hex(047965) contains.

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Color

Hex(047965)

Conversions

Conversions Part 1

Format	Color
Hex	047965
RGB	4, 121, 101
RGB Percent	2%, 47%, 40%
CMY	0.9843, 0.5255, 0.6039
CMYK	0.97, 0.00, 0.17, 0.53
HSL	170°, 94%, 25%
HSV	170°, 97%, 47%
XYZ	9.2364, 14.6401, 14.6509
YIQ	83.7370, -63.3120, -31.0240

Conversions

Conversions Part 2

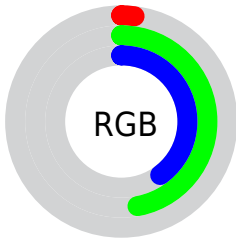
Format	Color
RYB	4, 68, 121
Decimal	293221
CIELab	45.14, -33.65, 2.92
CIELCh	45, 33.775, 175.035
Yxy	14.6401, 0.2397, 0.3800
Android (android.graphics.Color)	4278483301 (0xFF047965)
YUV	83.7370, 8.5107, -69.9293
Hunter-Lab	38.2624, -23.8701, 4.0812

Details

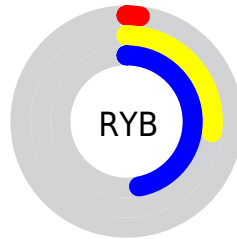
The Hex color **047965** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **790418**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **4FAE98**, and **004736** is the 20% darker color. If you saturate the color by 10%, you get **007964**, and if you desaturate by 10%, it is **107967**.

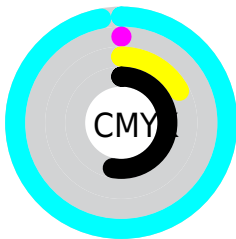
Distribution



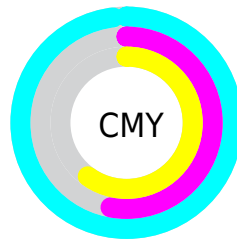
- Red (2%)
- Green (47%)
- Blue (40%)



- Red (2%)
- Yellow (27%)
- Blue (47%)



- Cyan (97%)
- Magenta (0%)
- Yellow (17%)
- Black (53%)




- Cyan (98%)
- Magenta (53%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 047965 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 047965 by changing the saturation by 10% instead.

 047965

 047965

FFFFFF

 00604D

 4FAE98

 004736

 6BCAB3

 003021

 87E6CE

 001B0B

 A4FFEA

 000000

 C0FFFF

 DDFFFF

 FBFFFF

 047965

 047965

■ 007964

■ 107967

■ 1C7969

■ 28796B

■ 34796D

■ 40796F

■ 4D7971

■ 597973

■ 657976

■ 717978

Harmonies

Analogous

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



427649



047965



007982

Triad

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



047965



66659E



955D3D

Complementary

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



047965



790418

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.



A05554



047965



895B8B

Square

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



047965



2F6FA3



9D5471



806832

Rectangle

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



047965



007792



9D5471



9A5A44

Sweetspot

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



047965



709E96



197904



334F4A



CFCFCF



4F4F4F

Same Dimension

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



047965



009E83



045479



373D3C



007D68



00FCD1

Inverse Universe

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



790418



9E001B



792904



3D3738



7D0015



FC002B

Previews

White Background



This preview shows how the Hex color 047965 looks on a white background.

Color Contrast Check

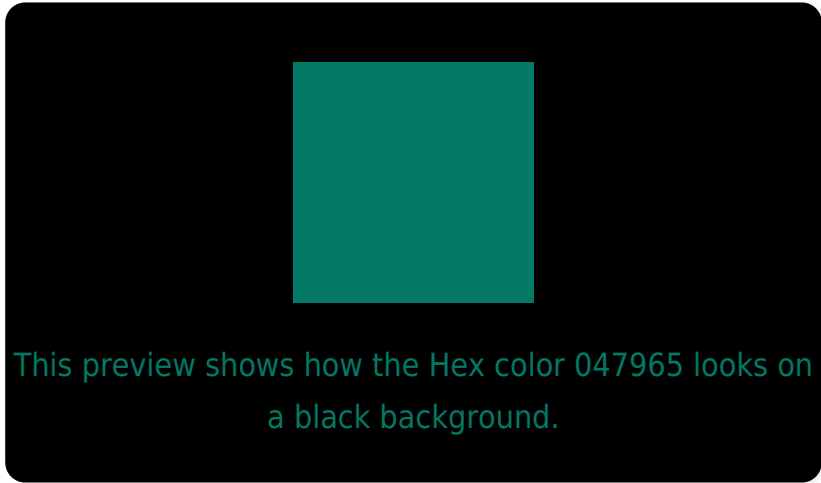
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

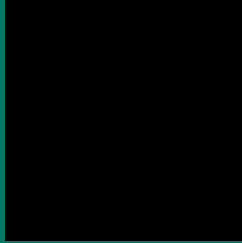
Any Text WCAG AA × Fail

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 047965 Background



This preview shows how black text looks on a background with the Hex color 047965.

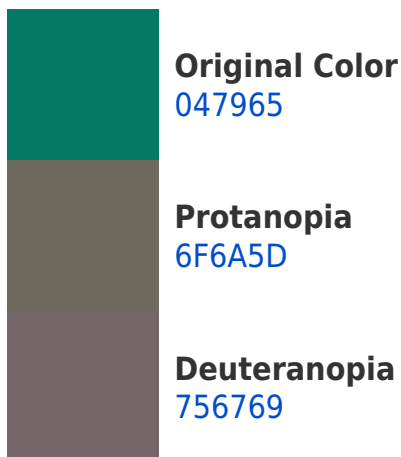



This preview shows how white text looks on a background with the Hex color 047965.

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
23757F

Trichromacy



Original Color
047965



Protanomaly
486F60



Deuteranomaly
4C6E68



Tritanomaly
187676

Monochromacy



Original Color
047965



Achromatopsia
545454



Achromatomaly
37615A

CSS Examples

Text

The CSS property to change the color of the text to Hex 047965 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 #047965 looks like.

```
.text, #text, p{  
    color:#047965  
}
```

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 #047965 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #047965
}
```

Border

The CSS property to change the border of an element to Hex 047965 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
#047965 }
```

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

```
.border{ border-color:#047965 }
```

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

Here you see how a box with a 4 pixel #047965 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #047965; -webkit-box-shadow:4px 4px  
4px 4px #047965; box-shadow:4px 4px 4px  
4px #047965 }
```

Background

The CSS property to change the background color of an element to Hex 047965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#047965 }
```

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

```
.background{ background-color:#047965 }
```

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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