

Converting Colors

Hex(067575)

Have a look what the booklet for
Hex(067575) contains.

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Color

Hex(067575)

Conversions

Conversions Part 1

Format	Color
Hex	067575
RGB	6, 117, 117
RGB Percent	2%, 46%, 46%
CMY	0.9765, 0.5412, 0.5412
CMYK	0.95, 0.00, 0.00, 0.54
HSL	180°, 90%, 24%
HSV	180°, 95%, 46%
XYZ	9.6473, 14.0457, 19.0322
YIQ	83.8110, -66.1560, -23.5320

Conversions

Conversions Part 2

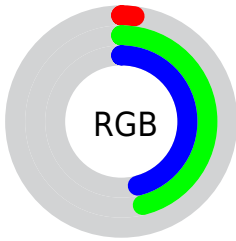
Format	Color
RYB	6, 62, 117
Decimal	423285
CIELab	44.30, -26.67, -7.86
CIELCh	44, 27.807, 196.425
Yxy	14.0457, 0.2258, 0.3287
Android (android.graphics.Color)	4278613365 (0xFF067575)
YUV	83.8110, 16.3622, -68.2402
Hunter-Lab	37.4775, -19.6371, -3.8750

Details

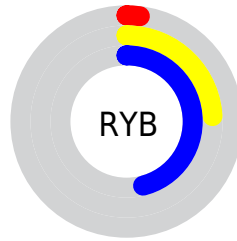
The Hex color **067575** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **750606**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **50AAA9**, and **004445** is the 20% darker color. If you saturate the color by 10%, you get **007575**, and if you desaturate by 10%, it is **127575**.

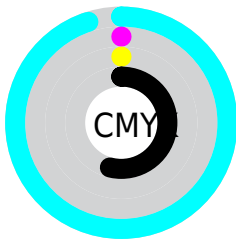
Distribution



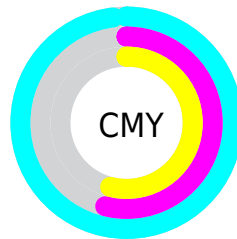
- Red (2%)
- Green (46%)
- Blue (46%)



- Red (2%)
- Yellow (24%)
- Blue (46%)



- Cyan (95%)
- Magenta (0%)
- Yellow (0%)
- Black (54%)



- Cyan (98%)
- Magenta (54%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 067575 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 067575 by changing the saturation by 10% instead.

067575

067575

FFFFFF

005C5C

50AAA9

004445

6DC5C4

002D2F

89E1E0

00181A

A5FEFD

000000

C2FFFF

DFFFFFF

FDFFFF

067575

067575

■ 007575

■ 127575

■ 1D7575

■ 297575

■ 357575

■ 417575

■ 4C7575

■ 587575

■ 647575

■ 6F7575

Harmonies

Analogous

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



33745D



067575



00738A

Triad

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



067575



7B5E89



81643C

Complementary

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



067575



750606

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.



905C48



067575



8F5874

Square

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



067575



5C6795



96575D



6B6B3C

Rectangle

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



067575



227093



96575D



87613F

Sweetspot

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



067575



6E9999



067506



324D4D



CCCCCC



4D4D4D

Same Dimension

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



067575



009999



063D75



353B3B



007A7A



00FAFA

Inverse Universe

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



750675



990099



753D06



3B353B



7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 067575 looks on a white background.

Color Contrast Check

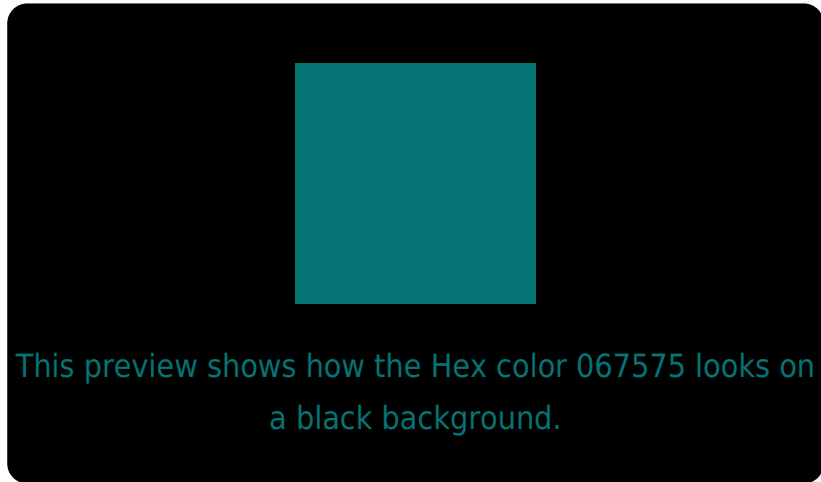
Large Text (above 18pt) WCAG AA ✓ Pass

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

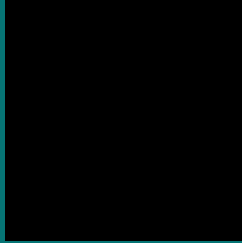
Any Text WCAG AA × Fail

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 067575 Background



This preview shows how black text looks on a background with the Hex color 067575.

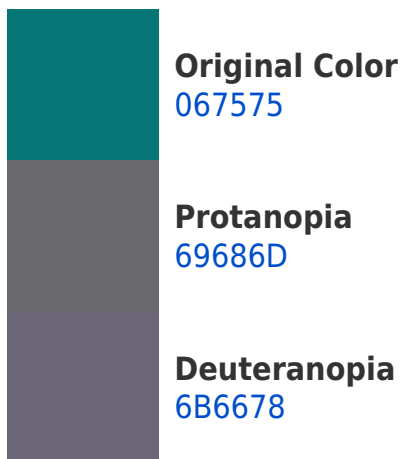


This preview shows how white text looks on a background with the Hex color 067575.

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](#).

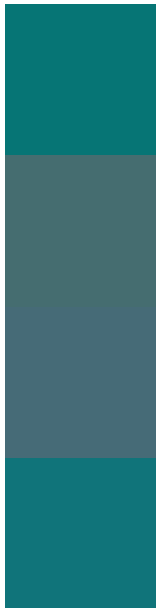
Dichromacy





Tritanopia
16747D

Trichromacy



Original Color
067575

Protanomaly
456D70

Deuteranomaly
466B77

Tritanomaly
10747A

Monochromacy



Original Color
067575

Achromatopsia
545454

Achromatomaly
386060

CSS Examples

Text

The CSS property to change the color of the text to Hex 067575 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 #067575 looks like.

```
.text, #text, p{  
    color:#067575  
}
```

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 #067575 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #067575
}
```

Border

The CSS property to change the border of an element to Hex 067575 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
#067575 }
```

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

```
.border{ border-color:#067575 }
```

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

Here you see how a box with a 4 pixel #067575 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #067575; -webkit-box-shadow:4px 4px  
4px 4px #067575; box-shadow:4px 4px 4px  
4px #067575 }
```

Background

The CSS property to change the background color of an element to Hex 067575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#067575 }
```

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

```
.background{ background-color:#067575 }
```

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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