

# Converting Colors

Hex(077675)

Have a look what the booklet for  
Hex(077675) contains.

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# Color

Hex(077675)

# Conversions

## Conversions Part 1

Format	Color
Hex	077675
RGB	7, 118, 117
RGB Percent	3%, 46%, 46%
CMY	0.9725, 0.5373, 0.5412
CMYK	0.94, 0.00, 0.01, 0.54
HSL	179°, 89%, 25%
HSV	179°, 94%, 46%
XYZ	9.7769, 14.2864, 19.0719
YIQ	84.6970, -65.8350, -23.8430

# Conversions

## Conversions Part 2

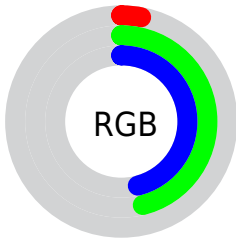
Format	Color
<b>RYB</b>	7, 63, 118
Decimal	489077
CIELab	44.64, -27.11, -7.35
CIELCh	45, 28.087, 195.169
Yxy	14.2864, 0.2267, 0.3312
Android (android.graphics.Color)	4278679157 (0xFF077675)
YUV	84.6970, 15.9254, -68.1403
Hunter-Lab	37.7973, -19.9732, -3.4585

# Details

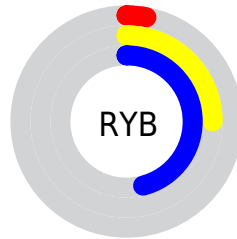
The Hex color **077675** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **760708**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **51ABA9**, and **004545** is the 20% darker color. If you saturate the color by 10%, you get **007675**, and if you desaturate by 10%, it is **137675**.

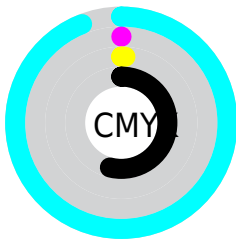
# Distribution



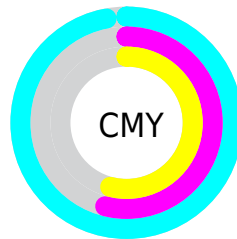
- Red (3%)
- Green (46%)
- Blue (46%)



- Red (3%)
- Yellow (25%)
- Blue (46%)



- Cyan (94%)
- Magenta (0%)
- Yellow (1%)
- Black (54%)



- Cyan (97%)
- Magenta (54%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 077675 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 077675 by changing the saturation by 10% instead.



 077675

 077675

FFFFFF

 005D5C

 51ABA9

 004545

 6DC6C4

 002E2F

 89E2E0

 001A1A

 A6FFFD

 000000

 C3FFFF

 E0FFFF

FEFFFF

 077675

 077675

■ 007675

■ 137675

■ 1F7675

■ 2A7675

■ 367675

■ 427676

■ 4E7676

■ 5A7676

■ 657676

■ 717676

# Harmonies

## Analogous

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



34755D



077675



00748A

# Triad

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



077675



7B5F8B



83643C

# Complementary

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



077675



760708

# 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.



925C49



077675



905976

# Square

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



077675



5B6897



97575E



6D6C3C

# Rectangle

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



077675



207193



97575E



896140



# Sweetspot

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



077675



6E9999



097607



324D4C



CCCCCC



4D4D4D



# Same Dimension

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



077675



009998



074076



353B3B



007A79



00FAF8



# Inverse Universe

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



760708



990001



763D07



3B3535



7A0001



FA0002



# Previews

## White Background



This preview shows how the Hex color 077675 looks on a white background.

## Color Contrast Check

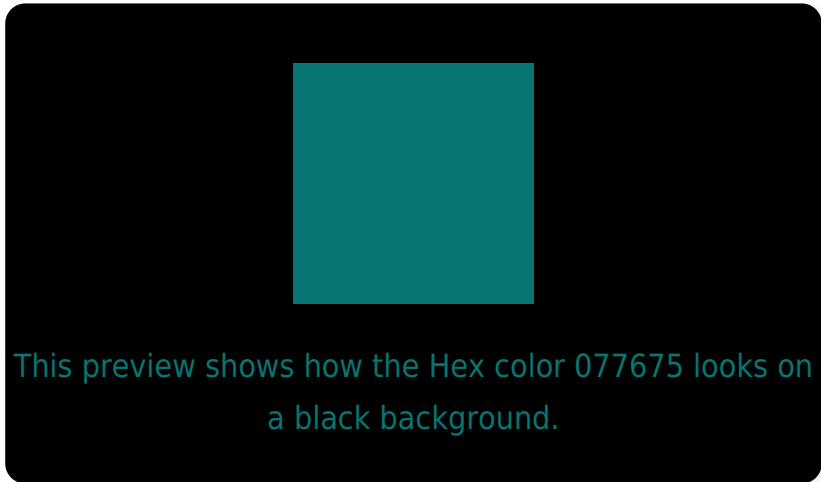
Large Text (above 18pt) WCAG AA ✓ Pass

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

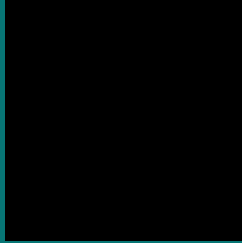
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 077675 Background



This preview shows how black text looks on a background with the Hex color 077675.

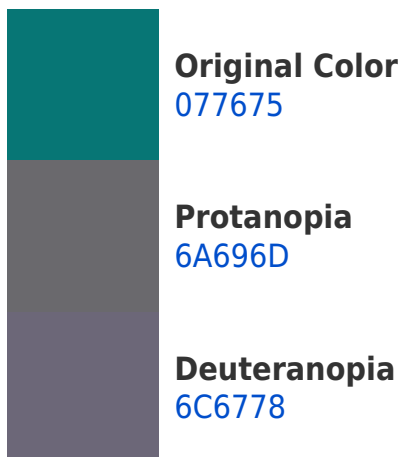


This preview shows how white text looks on a background with the Hex color 077675.

# 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**  
17757E

# Trichromacy



**Original Color**  
077675

**Protanomaly**  
466E70

**Deuteranomaly**  
476C77

**Tritanomaly**  
11757B

# Monochromacy



**Original Color**  
077675

**Achromatopsia**  
555555

**Achromatomaly**  
396161

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 077675 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 #077675 looks like.

```
.text, #text, p{  
    color:#077675  
}
```

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 #077675 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #077675
}
```

## Border

The CSS property to change the border of an element to Hex 077675 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
#077675 }
```

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

```
.border{ border-color:#077675 }
```

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

Here you see how a box with a 4 pixel #077675 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #077675; -webkit-box-shadow:4px 4px  
4px 4px #077675; box-shadow:4px 4px 4px  
4px #077675 }
```

# Background

The CSS property to change the background color of an element to Hex 077675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#077675 }
```

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

```
.background{ background-color:#077675 }
```

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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