

Converting Colors

Hex(078075)

Have a look what the booklet for
Hex(078075) contains.

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Color

Hex(078075)

Conversions

Conversions Part 1

Format	Color
Hex	078075
RGB	7, 128, 117
RGB Percent	3%, 50%, 46%
CMY	0.9725, 0.4980, 0.5412
CMYK	0.95, 0.00, 0.09, 0.50
HSL	175°, 90%, 26%
HSV	175°, 95%, 50%
XYZ	11.0177, 16.7679, 19.4855
YIQ	90.5670, -68.5850, -29.0730

Conversions

Conversions Part 2

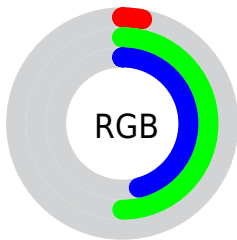
Format	Color
RYB	7, 70, 128
Decimal	491637
CIELab	47.97, -31.92, -2.42
CIELCh	48, 32.015, 184.334
Yxy	16.7679, 0.2331, 0.3547
Android (android.graphics.Color)	4278681717 (0xFF078075)
YUV	90.5670, 13.0315, -73.2883
Hunter-Lab	40.9486, -23.6326, 0.4508

Details

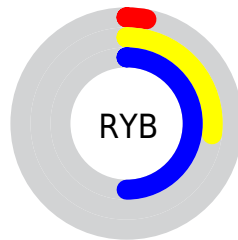
The Hex color **078075** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **800712**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **53B5A9**, and **004E45** is the 20% darker color. If you saturate the color by 10%, you get **008074**, and if you desaturate by 10%, it is **148076**.

Distribution



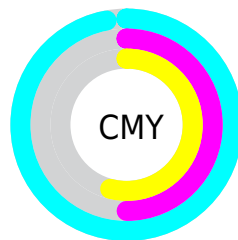
- Red (3%)
- Green (50%)
- Blue (46%)



- Red (3%)
- Yellow (27%)
- Blue (50%)



- Cyan (95%)
- Magenta (0%)
- Yellow (9%)
- Black (50%)



- Cyan (97%)
- Magenta (50%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 078075 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 078075 by changing the saturation by 10% instead.

 078075

 078075

FFFFFF

 00665C

 53B5A9

 004E45

 70D1C4

 00362F

 8CEEE0

 00231A

 A9FFFD

 000000

 C6FFFF

 E3FFFF

 078075

 078075

 008074

 148076

■ 218077

■ 2D8078

■ 3A807A

■ 47807B

■ 54807C

■ 61807D

■ 6D807E

■ 7A807F

Harmonies

Analogous

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



417E5A



078075



007F8F

Triad

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



078075



7A699E



966842

Complementary

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



078075



800712

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.



A36055



078075



97608A

Square

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



078075



4F73A7



A55C6F



7F723B

Rectangle

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



078075



007D9D



A55C6F



9C6547

Sweetspot

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



078075



77A6A2



138007



385452



D4D4D4



545454

Same Dimension

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



078075



00A697



075080



39403F



008074



000000

Inverse Universe

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



800712



A6000F



803707



40393A



80000C



000000

Previews

White Background



This preview shows how the Hex color 078075 looks on a white background.

Color Contrast Check

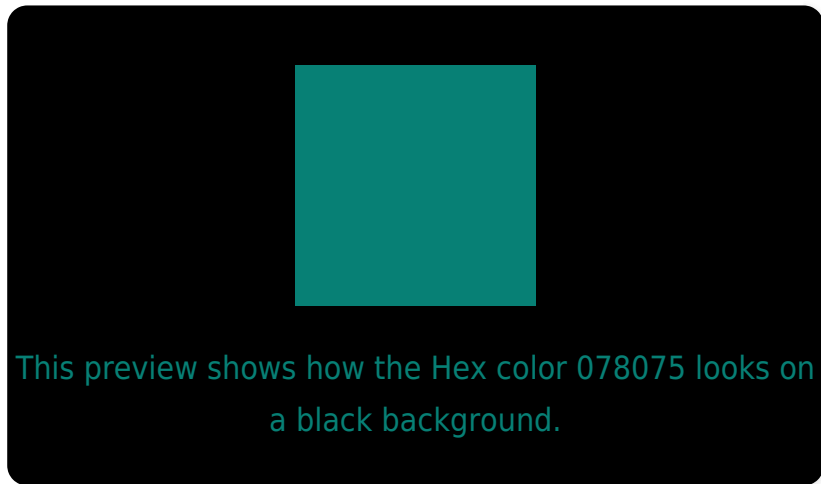
Large Text (above 18pt) WCAG AA ✓ Pass

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

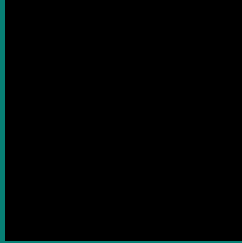
Any Text WCAG AA × Fail

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 078075 Background



This preview shows how black text looks on a background with the Hex color 078075.

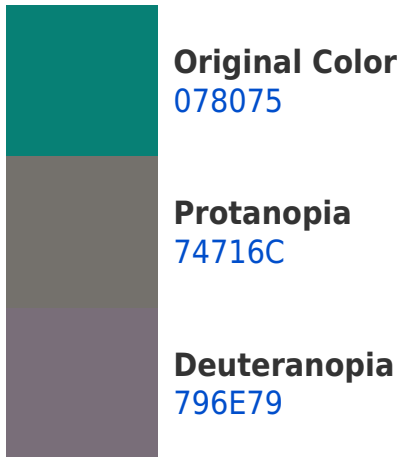


This preview shows how white text looks on a background with the Hex color 078075.

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
207D87

Trichromacy



Original Color
078075



Protanomaly
4C766F



Deuteranomaly
507578



Tritanomaly
177E80

Monochromacy



Original Color
078075



Achromatopsia
5B5B5B



Achromatomaly
3C6864

CSS Examples

Text

The CSS property to change the color of the text to Hex 078075 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 #078075 looks like.

```
.text, #text, p{  
    color:#078075  
}
```

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 #078075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #078075
}
```

Border

The CSS property to change the border of an element to Hex 078075 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
#078075 }
```

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

```
.border{ border-color:#078075 }
```

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

Here you see how a box with a 4 pixel #078075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #078075; -webkit-box-shadow:4px 4px  
4px 4px #078075; box-shadow:4px 4px 4px  
4px #078075 }
```

Background

The CSS property to change the background color of an element to Hex 078075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#078075 }
```

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

```
.background{ background-color:#078075 }
```

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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