

Converting Colors

Hex(075158)

Have a look what the booklet for
Hex(075158) contains.

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Color

Hex(075158)

Conversions

Conversions Part 1

Format	Color
Hex	075158
RGB	7, 81, 88
RGB Percent	3%, 32%, 35%
CMY	0.9725, 0.6824, 0.6549
CMYK	0.92, 0.08, 0.00, 0.65
HSL	185°, 85%, 19%
HSV	185°, 92%, 35%
XYZ	4.7915, 6.6346, 10.2606
YIQ	59.6720, -46.3510, -13.5110

Conversions

Conversions Part 2

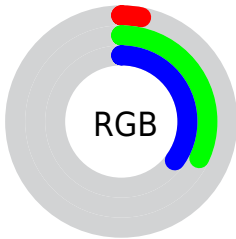
Format	Color
RYB	7, 46, 88
Decimal	479576
CIELab	30.96, -17.71, -10.05
CIElCh	31, 20.360, 209.568
Yxy	6.6346, 0.2209, 0.3059
Android (android.graphics.Color)	4278669656 (0xFF075158)
YUV	59.6720, 13.9657, -46.1933
Hunter-Lab	25.7577, -11.8711, -5.5877

Details

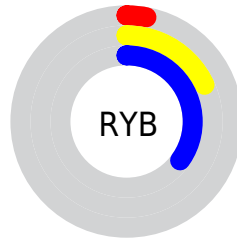
The Hex color **075158** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **580E07**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **45838A**, and **00242B** is the 20% darker color. If you saturate the color by 10%, you get **005058**, and if you desaturate by 10%, it is **105258**.

Distribution



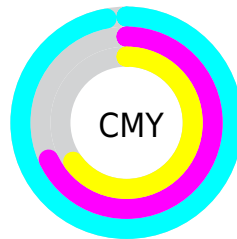
- Red (3%)
- Green (32%)
- Blue (35%)



- Red (3%)
- Yellow (18%)
- Blue (35%)



- Cyan (92%)
- Magenta (8%)
- Yellow (0%)
- Black (65%)



- Cyan (97%)
- Magenta (68%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 075158 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 075158 by changing the saturation by 10% instead.

075158

075158

FFFFFF

003A41

45838A

00242B

609DA4

000817

7BB8BF

000000

96D3DB

B2F0F8

CEFFFF

EBFFFF

075158

075158

■ 005058

■ 105258

■ 195358

■ 215358

■ 2A5458

■ 335558

■ 3C5658

■ 455658

■ 4D5758

■ 565858

Harmonies

Analogous

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



1B5148



075158



164F64

Triad

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



075158



5D3F59



544829

Complementary

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



075158



580E07

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.



60422E



075158



663D4A

Square

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



075158



4A4564



673E3A



434D2D

Rectangle

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



075158



284C68



673E3A



58462A

Sweetspot

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



075158



537073



07580E



27393B



BABABA



3B3B3B

Same Dimension

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



075158



006973



072958



272B2B



00626B



00D6EB

Inverse Universe

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



580751



730069



583607



2B272B



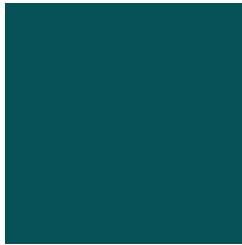
6B0062



EB00D6

Previews

White Background



This preview shows how the Hex color 075158 looks on a white background.

Color Contrast Check

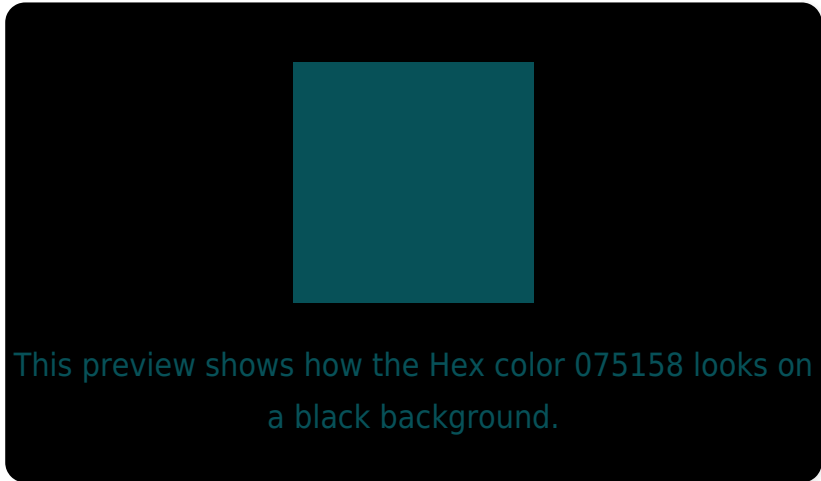
Large Text (above 18pt) WCAG AA ✓ Pass

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

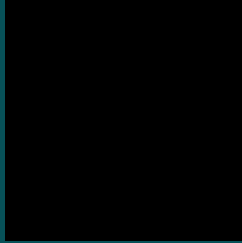
Any Text WCAG AA × Fail

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 075158 Background



This preview shows how black text looks on a background with the Hex color 075158.

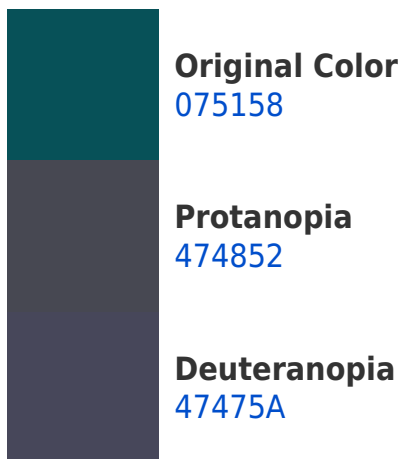


This preview shows how white text looks on a background with the Hex color 075158.

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](#).

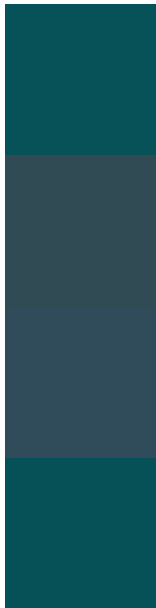
Dichromacy





Tritanopia
065158

Trichromacy



Original Color
075158

Protanomaly
304B54

Deuteranomaly
304B59

Tritanomaly
065158

Monochromacy



Original Color
075158

Achromatopsia
3C3C3C

Achromatomaly
294446

CSS Examples

Text

The CSS property to change the color of the text to Hex 075158 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 #075158 looks like.

```
.text, #text, p{  
    color:#075158  
}
```

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 #075158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #075158
}
```

Border

The CSS property to change the border of an element to Hex 075158 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
#075158 }
```

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

```
.border{ border-color:#075158 }
```

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

Here you see how a box with a 4 pixel #075158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #075158; -webkit-box-shadow:4px 4px  
4px 4px #075158; box-shadow:4px 4px 4px  
4px #075158 }
```

Background

The CSS property to change the background color of an element to Hex 075158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#075158 }
```

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

```
.background{ background-color:#075158 }
```

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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