

# Converting Colors

Hex(075044)

Have a look what the booklet for  
Hex(075044) contains.

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# Color

**Hex(075044)**

# Conversions

## Conversions Part 1

Format	Color
Hex	075044
RGB	7, 80, 68
RGB Percent	3%, 31%, 27%
CMY	0.9725, 0.6863, 0.7333
CMYK	0.91, 0.00, 0.15, 0.69
HSL	170°, 84%, 17%
HSV	170°, 91%, 31%
XYZ	3.9997, 6.1998, 6.4547
YIQ	56.8050, -39.6560, -19.2080

# Conversions

## Conversions Part 2

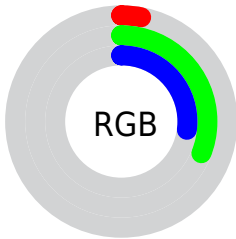
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	7, 47, 80
Decimal	479300
CIE <sub>Lab</sub>	29.91, -23.98, 1.17
CIE <sub>LCh</sub>	30, 24.009, 177.198
Yxy	6.1998, 0.2402, 0.3723
Android (android.graphics.Color)	4278669380 (0xFF075044)
YUV	56.8050, 5.5191, -43.6790
Hunter-Lab	24.8995, -14.9012, 2.0598

# Details

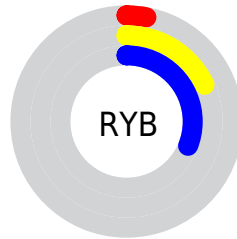
The Hex color **075044** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **500713**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **428274**, and **002319** is the 20% darker color. If you saturate the color by 10%, you get **005043**, and if you desaturate by 10%, it is **0F5045**.

# Distribution



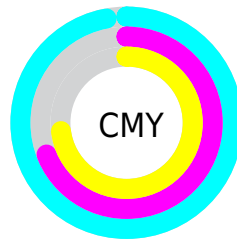
- Red (3%)
- Green (31%)
- Blue (27%)



- Red (3%)
- Yellow (18%)
- Blue (31%)



- Cyan (91%)
- Magenta (0%)
- Yellow (15%)
- Black (69%)



- Cyan (97%)
- Magenta (69%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 075044 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 075044 by changing the saturation by 10% instead.



 075044

 075044

FFFFFF

 00392E

 428274

 002319

 5C9C8E

 000000

 77B7A8

 92D3C3

 ADEFDF

 C9FFFC

 E6FFFF

 075044

 075044

■ 005043

■ 0F5045

■ 175047

■ 1F5048

■ 275049

■ 2F504B

■ 37504C

■ 3F504D

■ 47504F

■ 4F5050

# Harmonies

## Analogous

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



2A4E32



075044



005057

# Triad

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



075044



454268



623E28

# Complementary

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



075044



500713

# 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.



6A3936



075044



5C3B5B

# Square

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



075044



24496B



683749



544521

# Rectangle

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



075044



004F61



683749



653C2C



# Sweetspot

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



075044



4C6964



135007



243633



B5B5B5



363636



# Same Dimension

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



075044



006957



073850



252928



00E8C2

# Inverse Universe

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



500713



690011



501F07



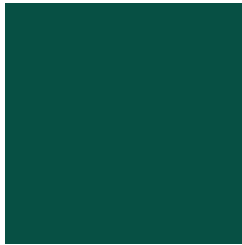
292525



E80026

# Previews

## White Background



This preview shows how the Hex color 075044 looks on a white background.

## Color Contrast Check

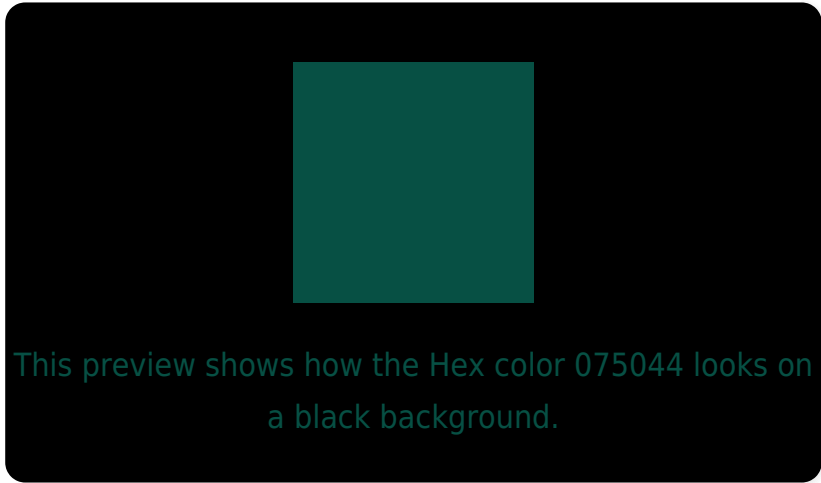
Large Text (above 18pt) WCAG AA ✓ Pass

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 075044 Background



This preview shows how black text looks on a background with the Hex color 075044.

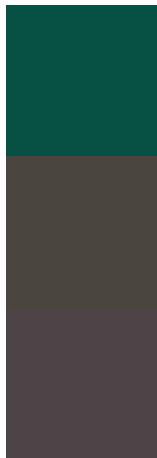


This preview shows how white text looks on a background with the Hex color 075044.

# 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

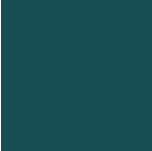


**Original Color**  
075044

**Protanopia**  
4A463F

**Deuteranopia**  
4D4447





**Tritanopia**  
174E54

# Trichromacy



**Original Color**  
075044

**Protanomaly**  
324A41

**Deuteranomaly**  
344846

**Tritanomaly**  
114F4E

# Monochromacy



**Original Color**  
075044

**Achromatopsia**  
393939

**Achromatomaly**  
27413D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 075044 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 #075044 looks like.

```
.text, #text, p{  
    color:#075044  
}
```

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 #075044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #075044
}
```

## Border

The CSS property to change the border of an element to Hex 075044 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
#075044 }
```

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

```
.border{ border-color:#075044 }
```

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

Here you see how a box with a 4 pixel #075044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #075044; -webkit-box-shadow:4px 4px  
4px 4px #075044; box-shadow:4px 4px 4px  
4px #075044 }
```

# Background

The CSS property to change the background color of an element to Hex 075044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#075044 }
```

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

```
.background{ background-color:#075044 }
```

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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