

# Converting Colors

Hex(0D7057)

Have a look what the booklet for  
Hex(0D7057) contains.

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# Color

**Hex(0D7057)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D7057
RGB	13, 112, 87
RGB Percent	5%, 44%, 34%
CMY	0.9490, 0.5608, 0.6588
CMYK	0.88, 0.00, 0.22, 0.56
HSL	165°, 79%, 25%
HSV	165°, 88%, 44%
XYZ	7.6804, 12.3620, 10.9981
YIQ	79.5490, -50.9790, -28.7630

# Conversions

## Conversions Part 2

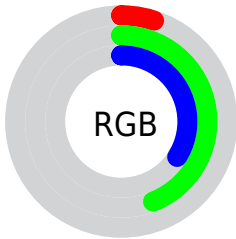
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 70, 112
Decimal	880727
CIELab	41.79, -32.91, 6.49
CIELCh	42, 33.545, 168.848
Yxy	12.3620, 0.2474, 0.3983
Android (android.graphics.Color)	4279070807 (0xFF0D7057)
YUV	79.5490, 3.6733, -58.3635
Hunter-Lab	35.1597, -22.5370, 6.0655

# Details

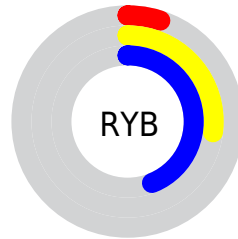
The Hex color **0D7057** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **700D26**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **4EA489**, and **003F2A** is the 20% darker color. If you saturate the color by 10%, you get **027054**, and if you desaturate by 10%, it is **18705A**.

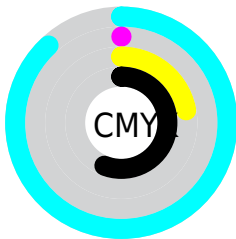
# Distribution



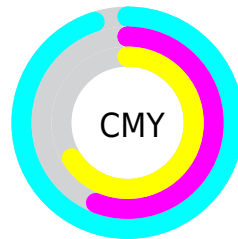
- Red (5%)
- Green (44%)
- Blue (34%)



- Red (5%)
- Yellow (27%)
- Blue (44%)



- Cyan (88%)
- Magenta (0%)
- Yellow (22%)
- Black (56%)



- Cyan (95%)
- Magenta (56%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D7057 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 0D7057 by changing the saturation by 10% instead.



0D7057

0D7057

FFFFFF

005740

4EA489

003F2A

6AC0A3

002915

85DCBE

000C00

A1F9DA

000000

BEFFF6

DAFFFF

F8FFFF

0D7057

0D7057

■ 027054

■ 18705A

■ 007054

■ 23705D

■ 2F705F

■ 3A7062

■ 457065

■ 507068

■ 5B706B

■ 67706E

■ 727070

# Harmonies

## Analogous

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



426D3D



0D7057



007174

# Triad

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



0D7057



545F97



8F533A

# Complementary

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



0D7057



700D26

# 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.



974C52



0D7057



7B5587

# Square

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



0D7057



0C6998



914D6E



7C5D2B

# Rectangle

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



0D7057



006F84



914D6E



935041



# Sweetspot

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



0D7057



6A9187



27700D



324A44



C9C9C9



4A4A4A



# Same Dimension

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



0D7057



00916D



0D5970



323837



00785A



00F7B9



# Inverse Universe

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



700D26



910025



70240D



383234



78001E



F7003E



# Previews

## White Background



This preview shows how the Hex color 0D7057 looks on a white background.

## Color Contrast Check

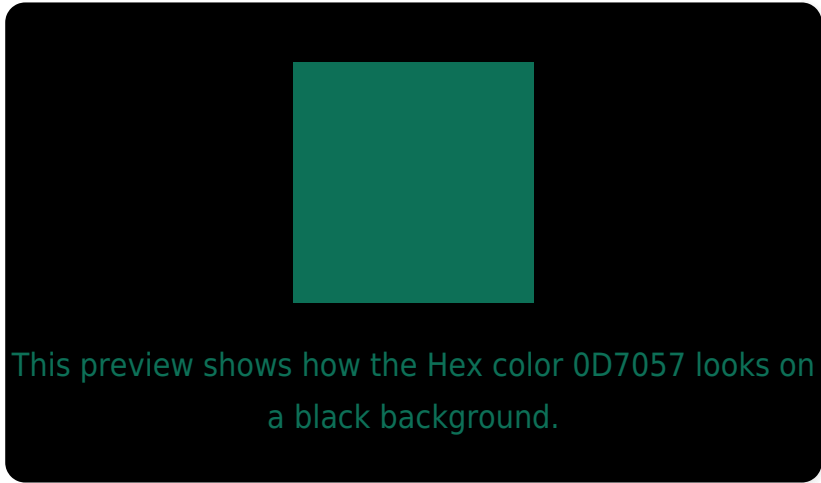
Large Text (above 18pt) WCAG AA ✓ Pass

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

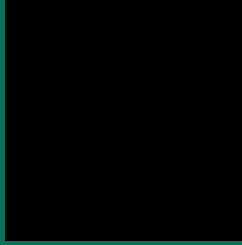
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0D7057 Background



This preview shows how black text looks on a background with the Hex color 0D7057.



This preview shows how white text looks on a background with the Hex color 0D7057.

# 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**  
0D7057

**Protanopia**  
686250

**Deuteranopia**  
6E5F5B



**Tritanopia**  
256C75

# Trichromacy



**Original Color**  
0D7057



**Protanomaly**  
476753



**Deuteranomaly**  
4B655A



**Tritanomaly**  
1C6D6A

# Monochromacy



**Original Color**  
0D7057



**Achromatopsia**  
505050



**Achromatomaly**  
385C53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D7057 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 #0D7057 looks like.

```
.text, #text, p{  
    color:#0D7057  
}
```

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 #0D7057 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D7057
}
```

## Border

The CSS property to change the border of an element to Hex 0D7057 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
#0D7057 }
```

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

```
.border{ border-color:#0D7057 }
```

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

Here you see how a box with a 4 pixel #0D7057 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D7057; -webkit-box-shadow:4px 4px  
4px 4px #0D7057; box-shadow:4px 4px 4px  
4px #0D7057 }
```

# Background

The CSS property to change the background color of an element to Hex 0D7057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D7057 }
```

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

```
.background{ background-color:#0D7057 }
```

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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