

Converting Colors

Hex(0C7055)

Have a look what the booklet for
Hex(0C7055) contains.

Hex(0C7055)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0C7055)

Conversions

Conversions Part 1

Format	Color
Hex	0C7055
RGB	12, 112, 85
RGB Percent	5%, 44%, 33%
CMY	0.9529, 0.5608, 0.6667
CMYK	0.89, 0.00, 0.24, 0.56
HSL	164°, 81%, 24%
HSV	164°, 89%, 44%
XYZ	7.5855, 12.3224, 10.5730
YIQ	79.0220, -50.9330, -29.5970

Conversions

Conversions Part 2

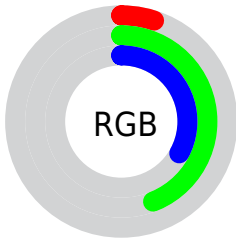
Format	Color
RYB	12, 70, 112
Decimal	815189
CIELab	41.72, -33.54, 7.60
CIElCh	42, 34.389, 167.237
Yxy	12.3224, 0.2489, 0.4043
Android (android.graphics.Color)	4279005269 (0xFF0C7055)
YUV	79.0220, 2.9472, -58.7783
Hunter-Lab	35.1032, -22.8585, 6.7143

Details

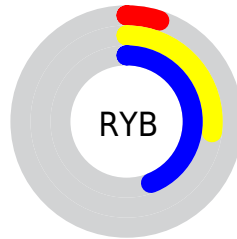
The Hex color **0C7055** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **700C27**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **4EA587**, and **003F28** is the 20% darker color. If you saturate the color by 10%, you get **017052**, and if you desaturate by 10%, it is **177058**.

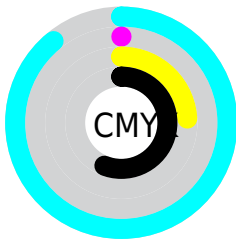
Distribution



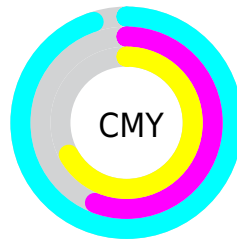
- Red (5%)
- Green (44%)
- Blue (33%)



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



- Cyan (89%)
- Magenta (0%)
- Yellow (24%)
- Black (56%)



- Cyan (95%)
- Magenta (56%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C7055 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 0C7055 by changing the saturation by 10% instead.



0C7055



0C7055

FFFFFF



00573E



4EA587



003F28



69C0A1



002914



85DCBC



000C00



A1F9D8



000000



BDFFF4



DAFFFF



F7FFFF



0C7055



0C7055

■ 017052

■ 177058

■ 007052

■ 22705B

■ 2E705E

■ 397061

■ 447064

■ 4F7067

■ 5A706A

■ 66706D

■ 717070

Harmonies

Analogous

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



436C3B



0C7055



007172

Triad

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



0C7055



516098



90523A

Complementary

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



0C7055



700C27

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.



984B53



0C7055



795589

Square

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



0C7055



006999



914C70



7D5D2A

Rectangle

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



0C7055



007084



914C70



944F42

Sweetspot

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



0C7055



6A9187



28700C



324A44



C9C9C9



4A4A4A

Same Dimension

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



0C7055



00916A



0C5A70



323837



007857



00F7B5

Inverse Universe

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



700C27



910027



70220C



383234



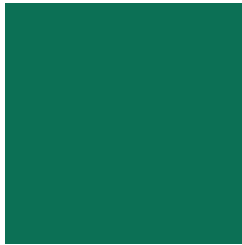
780020



F70043

Previews

White Background



This preview shows how the Hex color 0C7055 looks on a white background.

Color Contrast Check

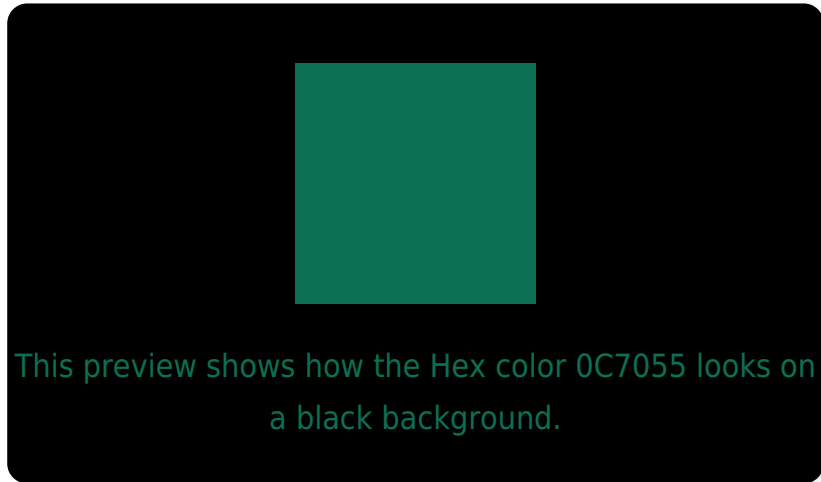
Large Text (above 18pt) WCAG AA ✓ Pass

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

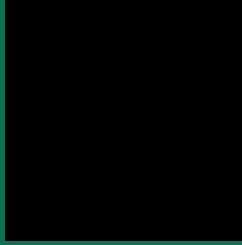
Any Text WCAG AA × Fail

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 0C7055 Background



This preview shows how black text looks on a background with the Hex color 0C7055.

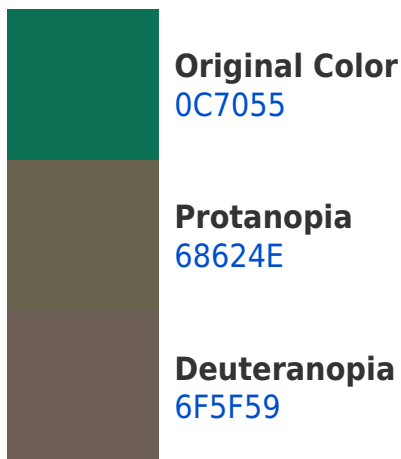


This preview shows how white text looks on a background with the Hex color 0C7055.

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
256C75

Trichromacy



Original Color
0C7055



Protanomaly
476751



Deuteranomaly
4B6558



Tritanomaly
1C6D69

Monochromacy



Original Color
0C7055



Achromatopsia
4F4F4F



Achromatomaly
375B51

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C7055 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 #0C7055 looks like.

```
.text, #text, p{  
    color:#0C7055  
}
```

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 #0C7055 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C7055
}
```

Border

The CSS property to change the border of an element to Hex 0C7055 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
#0C7055 }
```

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

```
.border{ border-color:#0C7055 }
```

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

Here you see how a box with a 4 pixel #0C7055 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C7055; -webkit-box-shadow:4px 4px  
4px 4px #0C7055; box-shadow:4px 4px 4px  
4px #0C7055 }
```

Background

The CSS property to change the background color of an element to Hex 0C7055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C7055 }
```

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

```
.background{ background-color:#0C7055 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor