

Converting Colors

Hex(0C6357)

Have a look what the booklet for
Hex(0C6357) contains.

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Color

Hex(0C6357)

Conversions

Conversions Part 1

Format	Color
Hex	0C6357
RGB	12, 99, 87
RGB Percent	5%, 39%, 34%
CMY	0.9529, 0.6118, 0.6588
CMYK	0.88, 0.00, 0.12, 0.61
HSL	172°, 78%, 22%
HSV	172°, 88%, 39%
XYZ	6.3338, 9.6900, 10.5534
YIQ	71.6190, -48.0000, -22.1760

Conversions

Conversions Part 2

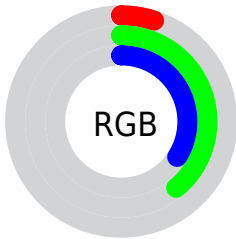
Format	Color
RYB	12, 59, 99
Decimal	811863
CIELab	37.28, -26.94, -0.01
CIELCh	37, 26.945, 180.016
Yxy	9.6900, 0.2383, 0.3646
Android (android.graphics.Color)	4279001943 (0xFF0C6357)
YUV	71.6190, 7.5828, -52.2859
Hunter-Lab	31.1287, -18.1558, 1.6894

Details

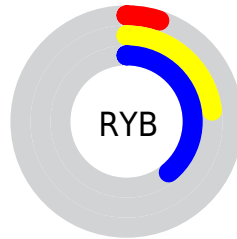
The Hex color **0C6357** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **630C18**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4B9689**, and **00332A** is the 20% darker color. If you saturate the color by 10%, you get **026356**, and if you desaturate by 10%, it is **166358**.

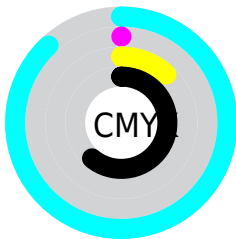
Distribution



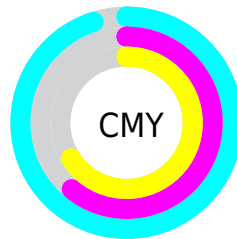
- Red (5%)
- Green (39%)
- Blue (34%)



- Red (5%)
- Yellow (23%)
- Blue (39%)



- Cyan (88%)
- Magenta (0%)
- Yellow (12%)
- Black (61%)



- Cyan (95%)
- Magenta (61%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C6357 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 0C6357 by changing the saturation by 10% instead.

0C6357

0C6357

FFFFFF

004B40

4B9689

00332A

66B1A3

002015

81CDBE

000000

9CE9DA

B8FFF6

D5FFFF

F2FFFF

0C6357

0C6357

■ 026356

■ 166358

■ 006355

■ 20635A

■ 2A635B

■ 34635C

■ 3E635E

■ 47635F

■ 516361

■ 5B6362

■ 656363

Harmonies

Analogous

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



346141



0C6357



00636D

Triad

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



0C6357



5A527D



774F33

Complementary

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



0C6357



630C18

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.



804843



0C6357



734A6E

Square

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



0C6357



355A83



804659



65562C

Rectangle

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



0C6357



006178



804659



7B4C37

Sweetspot

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



0C6357



5E807B



19630C



2C403D



BFBFBF



404040

Same Dimension

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



0C6357



00806E



0C4563



2C3030



007061



00F0CF

Inverse Universe

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



630C18



800012



632A0C



302C2C



70000F



F00021

Previews

White Background



This preview shows how the Hex color 0C6357 looks on a white background.

Color Contrast Check

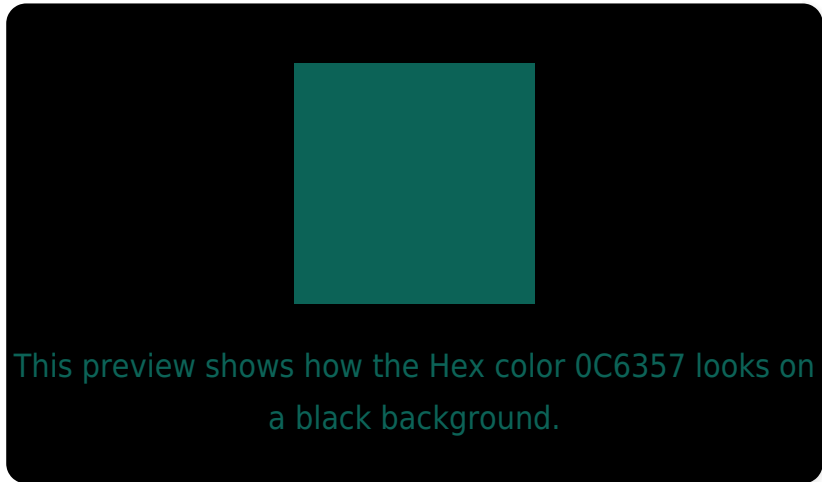
Large Text (above 18pt) WCAG AA ✓ Pass

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

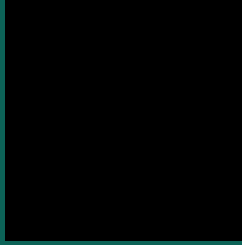
Any Text WCAG AA × Fail

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 0C6357 Background



This preview shows how black text looks on a background with the Hex color 0C6357.

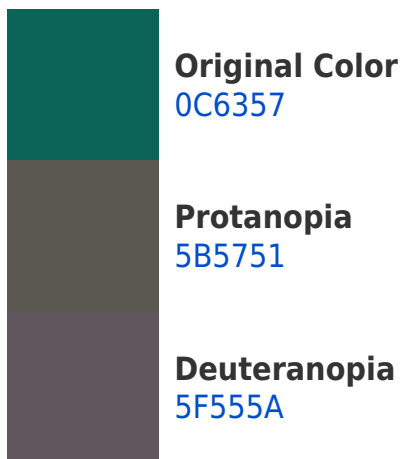


This preview shows how white text looks on a background with the Hex color 0C6357.

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
1C6168

Trichromacy



Original Color
0C6357



Protanomaly
3E5B53



Deuteranomaly
415A59



Tritanomaly
166262

Monochromacy



Original Color
0C6357



Achromatopsia
484848



Achromatomaly
32524D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C6357 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 #0C6357 looks like.

```
.text, #text, p{  
    color:#0C6357  
}
```

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 #0C6357 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C6357
}
```

Border

The CSS property to change the border of an element to Hex 0C6357 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
#0C6357 }
```

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

```
.border{ border-color:#0C6357 }
```

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

Here you see how a box with a 4 pixel #0C6357 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C6357; -webkit-box-shadow:4px 4px  
4px 4px #0C6357; box-shadow:4px 4px 4px  
4px #0C6357 }
```

Background

The CSS property to change the background color of an element to Hex 0C6357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C6357 }
```

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

```
.background{ background-color:#0C6357 }
```

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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