

Converting Colors

Hex(0D5C50)

Have a look what the booklet for
Hex(0D5C50) contains.

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Color

Hex(0D5C50)

Conversions

Conversions Part 1

Format	Color
Hex	0D5C50
RGB	13, 92, 80
RGB Percent	5%, 36%, 31%
CMY	0.9490, 0.6392, 0.6863
CMYK	0.86, 0.00, 0.13, 0.64
HSL	171°, 75%, 21%
HSV	171°, 86%, 36%
XYZ	5.4411, 8.3190, 8.9084
YIQ	67.0110, -43.2320, -20.4800

Conversions

Conversions Part 2

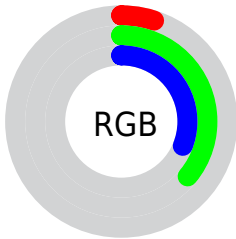
Format	Color
R_{YB}	13, 56, 92
Decimal	875600
CIE _{Lab}	34.64, -25.57, 0.48
CIE _{LCh}	35, 25.573, 178.917
Yxy	8.3190, 0.2400, 0.3670
Android (android.graphics.Color)	4279065680 (0xFF0D5C50)
YUV	67.0110, 6.4036, -47.3676
Hunter-Lab	28.8428, -16.8014, 1.8776

Details

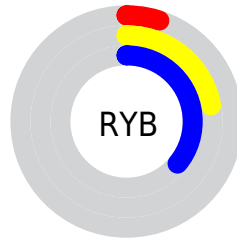
The Hex color **0D5C50** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5C0D19**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **498F81**, and **002D24** is the 20% darker color. If you saturate the color by 10%, you get **045C4F**, and if you desaturate by 10%, it is **165C51**.

Distribution



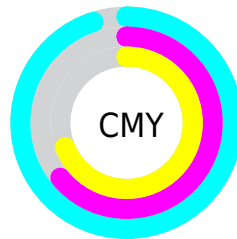
- Red (5%)
- Green (36%)
- Blue (31%)



- Red (5%)
- Yellow (22%)
- Blue (36%)



- Cyan (86%)
- Magenta (0%)
- Yellow (13%)
- Black (64%)



- Cyan (95%)
- Magenta (64%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D5C50 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 0D5C50 by changing the saturation by 10% instead.

 0D5C50

 0D5C50

FFFFFF

 004439


 498F81

 002D24

 63A99B

 00190E

 7EC5B6

 000000

 9AE1D1

 B5FEEF

 D2FFFF

 EFFFFFF

 0D5C50

 0D5C50

■ 045C4F

■ 165C51

■ 005C4E

■ 1F5C53

■ 295C54

■ 325C56

■ 3B5C57

■ 445C58

■ 4D5C5A

■ 575C5B

■ 605C5D

Harmonies

Analogous

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



315A3C



0D5C50



005C64

Triad

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



0D5C50



524C75



6F492F

Complementary

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



0D5C50



5C0D19

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.



78433F



0D5C50



6A4567

Square

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



0D5C50



30547A



774153



5F5028

Rectangle

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



0D5C50



005A70



774153



734634

Sweetspot

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



0D5C50



597873



1A5C0D



2A3D3A



BDBDBD



3D3D3D

Same Dimension

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



0D5C50



007866



0D425C



292E2D



006E5D



00EDC9

Inverse Universe

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



5C0D19



780012



5C270D



2E292A



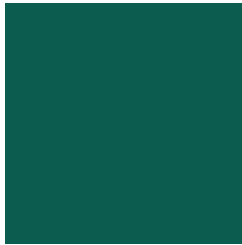
6E0011



ED0024

Previews

White Background



This preview shows how the Hex color 0D5C50 looks on a white background.

Color Contrast Check

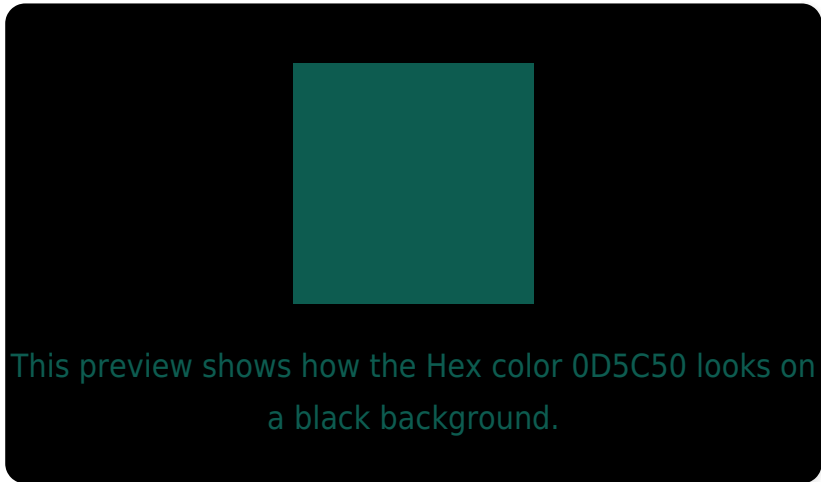
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D5C50 Background



This preview shows how black text looks on a background with the Hex color 0D5C50.



This preview shows how white text looks on a background with the Hex color 0D5C50.

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
0D5C50

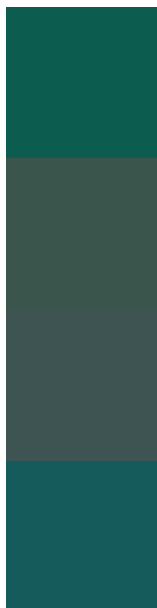
Protanopia
54514A

Deuteranopia
584F53



Tritanopia
1B5A61

Trichromacy



Original Color
0D5C50

Protanomaly
3A554C

Deuteranomaly
3D5452

Tritanomaly
165B5B

Monochromacy



Original Color
0D5C50

Achromatopsia
434343

Achromatomaly
2F4C48

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D5C50 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 #0D5C50 looks like.

```
.text, #text, p{  
    color:#0D5C50  
}
```

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 #0D5C50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D5C50
}
```

Border

The CSS property to change the border of an element to Hex 0D5C50 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
#0D5C50 }
```

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

```
.border{ border-color:#0D5C50 }
```

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

Here you see how a box with a 4 pixel #0D5C50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D5C50; -webkit-box-shadow:4px 4px  
4px 4px #0D5C50; box-shadow:4px 4px 4px  
4px #0D5C50 }
```

Background

The CSS property to change the background color of an element to Hex 0D5C50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D5C50 }
```

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

```
.background{ background-color:#0D5C50 }
```

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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