

Converting Colors

Hex(0B5C5C)

Have a look what the booklet for
Hex(0B5C5C) contains.

Hex(0B5C5C)	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(0B5C5C)

Conversions

Conversions Part 1

Format	Color
Hex	0B5C5C
RGB	11, 92, 92
RGB Percent	4%, 36%, 36%
CMY	0.9569, 0.6392, 0.6392
CMYK	0.88, 0.00, 0.00, 0.64
HSL	180°, 79%, 20%
HSV	180°, 88%, 36%
XYZ	5.8969, 8.4981, 11.4547
YIQ	67.7810, -48.2760, -17.1720

Conversions

Conversions Part 2

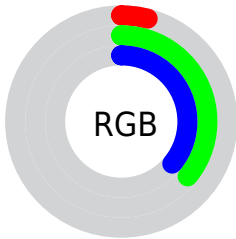
Format	Color
R_{YB}	11, 52, 92
Decimal	744540
CIE _{Lab}	35.00, -21.89, -6.48
CIE _{LCh}	35, 22.826, 196.503
Yxy	8.4981, 0.2281, 0.3288
Android (android.graphics.Color)	4278934620 (0xFF0B5C5C)
YUV	67.7810, 11.9400, -49.7969
Hunter-Lab	29.1516, -14.9074, -2.8911

Details

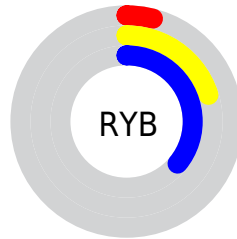
The Hex color **0B5C5C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5C0B0B**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **498F8E**, and **002D2E** is the 20% darker color. If you saturate the color by 10%, you get **025C5C**, and if you desaturate by 10%, it is **145C5C**.

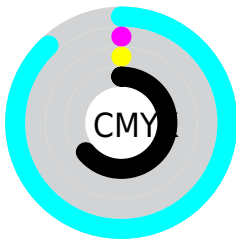
Distribution



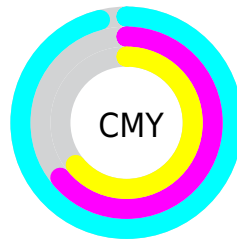
- Red (4%)
- Green (36%)
- Blue (36%)



- Red (4%)
- Yellow (20%)
- Blue (36%)



- Cyan (88%)
- Magenta (0%)
- Yellow (0%)
- Black (64%)



- Cyan (96%)
- Magenta (64%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B5C5C 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 0B5C5C by changing the saturation by 10% instead.



0B5C5C



0B5C5C

FFFFFF



004445



498F8E



002D2E



64A9A9



001B1A



7FC5C4



000000



9BE1E0



B7DFDC



D3FFFF



F0FFFF



0B5C5C



0B5C5C

■ 025C5C

■ 145C5C

■ 005C5C

■ 1D5C5C

■ 275C5C

■ 305C5C

■ 395C5C

■ 425C5C

■ 4B5C5C

■ 555C5C

■ 5E5C5C

Harmonies

Analogous

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



285B49



0B5C5C



055A6C

Triad

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



0B5C5C



614A6B



654E2F

Complementary

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



0B5C5C



5C0B0B

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.



714839



0B5C5C



71455B

Square

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



0B5C5C



485175



764449



54542F

Rectangle

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



0B5C5C



1D5873



764449



6A4C31

Sweetspot

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



0B5C5C



597878



0B5C0B



2A3D3D



BDBDBD



3D3D3D

Same Dimension

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



0B5C5C



007878



0B335C



292E2E



006E6E



00EDED

Inverse Universe

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



5C0B5C



780078



5C330B



2E292E



6E006E



ED00ED

Previews

White Background



This preview shows how the Hex color 0B5C5C looks on a white background.

Color Contrast Check

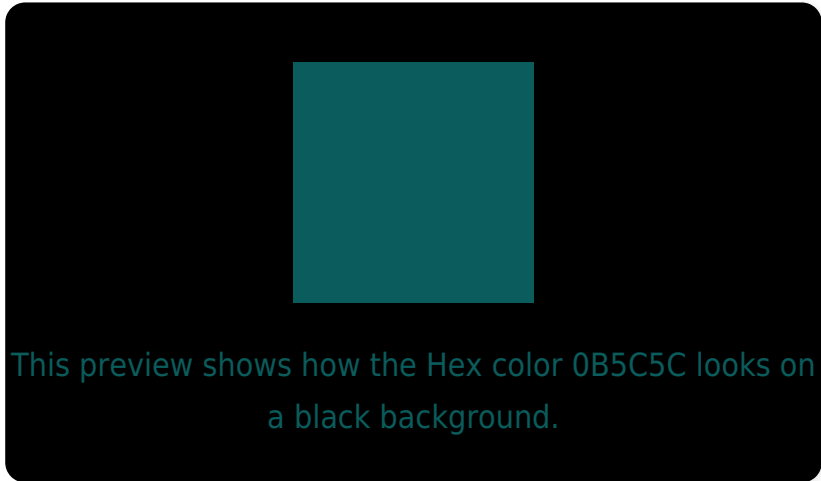
Large Text (above 18pt) WCAG AA ✓ Pass

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

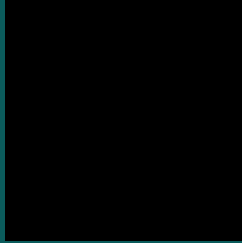
Any Text WCAG AA × Fail

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 0B5C5C Background



This preview shows how black text looks on a background with the Hex color 0B5C5C.



This preview shows how white text looks on a background with the Hex color 0B5C5C.

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
0B5C5C

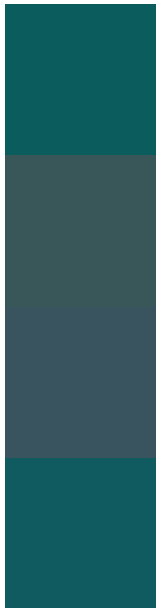
Protanopia
535256

Deuteranopia
54505F



Tritanopia
135B62

Trichromacy



Original Color
0B5C5C

Protanomaly
395658

Deuteranomaly
39545E

Tritanomaly
105B60

Monochromacy



Original Color
0B5C5C

Achromatopsia
444444

Achromatomaly
2F4D4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B5C5C 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 #0B5C5C looks like.

```
.text, #text, p{  
    color:#0B5C5C  
}
```

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 #0B5C5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B5C5C
}
```

Border

The CSS property to change the border of an element to Hex 0B5C5C 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
#0B5C5C }
```

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

```
.border{ border-color:#0B5C5C }
```

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

Here you see how a box with a 4 pixel #0B5C5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B5C5C; -webkit-box-shadow:4px 4px  
4px 4px #0B5C5C; box-shadow:4px 4px 4px  
4px #0B5C5C }
```

Background

The CSS property to change the background color of an element to Hex 0B5C5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B5C5C }
```

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

```
.background{ background-color:#0B5C5C }
```

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