

Converting Colors

Hex(0C5D6B)

Have a look what the booklet for
Hex(0C5D6B) contains.

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Color

Hex(0C5D6B)

Conversions

Conversions Part 1

Format	Color
Hex	0C5D6B
RGB	12, 93, 107
RGB Percent	5%, 36%, 42%
CMY	0.9529, 0.6353, 0.5804
CMYK	0.89, 0.13, 0.00, 0.58
HSL	189°, 80%, 23%
HSV	189°, 89%, 42%
XYZ	6.7198, 8.9684, 15.2868
YIQ	70.3770, -52.7700, -12.8180

Conversions

Conversions Part 2

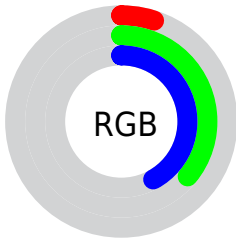
Format	Color
RYB	12, 56, 107
Decimal	810347
CIELab	35.92, -17.06, -14.42
CIELCh	36, 22.340, 220.217
Yxy	8.9684, 0.2169, 0.2895
Android (android.graphics.Color)	4279000427 (0xFF0C5D6B)
YUV	70.3770, 18.0551, -51.1966
Hunter-Lab	29.9473, -12.3545, -9.3019

Details

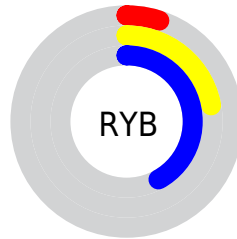
The Hex color **0C5D6B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B1A0C**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4C909E**, and **002F3C** is the 20% darker color. If you saturate the color by 10%, you get **015B6B**, and if you desaturate by 10%, it is **175F6B**.

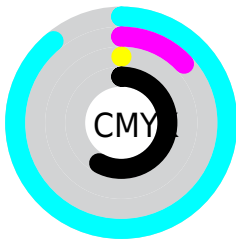
Distribution



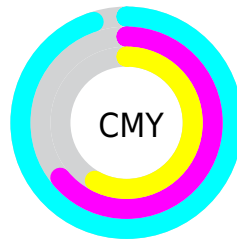
- Red (5%)
- Green (36%)
- Blue (42%)



- Red (5%)
- Yellow (22%)
- Blue (42%)



- Cyan (89%)
- Magenta (13%)
- Yellow (0%)
- Black (58%)



- Cyan (95%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C5D6B 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 0C5D6B by changing the saturation by 10% instead.

 0C5D6B

 0C5D6B

FFFFFF

 004553


 4C909E

 002F3C

 68AAB9

 001B26

 83C5D5

 000111

 9FE1F1

 000000

 BBFEFF

 D8FFFF

 F5FFFF

 0C5D6B

 0C5D6B

■ 015B6B

■ 175F6B

■ 005B6B

■ 21606B

■ 2C626B

■ 37636B

■ 42656B

■ 4C666B

■ 57686B

■ 626A6B

■ 6C6B6B

Harmonies

Analogous

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



185E5A



0C5D6B



265A76

Triad

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



0C5D6B



704861



5A5531

Complementary

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



0C5D6B



6B1A0C

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.



6A4F33



0C5D6B



77474F

Square

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



0C5D6B



5E4E70



754A3E



475A39

Rectangle

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



0C5D6B



3B5678



754A3E



605330

Sweetspot

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



0C5D6B



66878C



0C6B19



314447



C7C7C7



474747

Same Dimension

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



0C5D6B



00788C



0C2F6B



303536



006475



00D1F5

Inverse Universe

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



6B0C5D



8C0078



6B480C



363035



750064



F500D1

Previews

White Background



This preview shows how the Hex color 0C5D6B looks on a white background.

Color Contrast Check

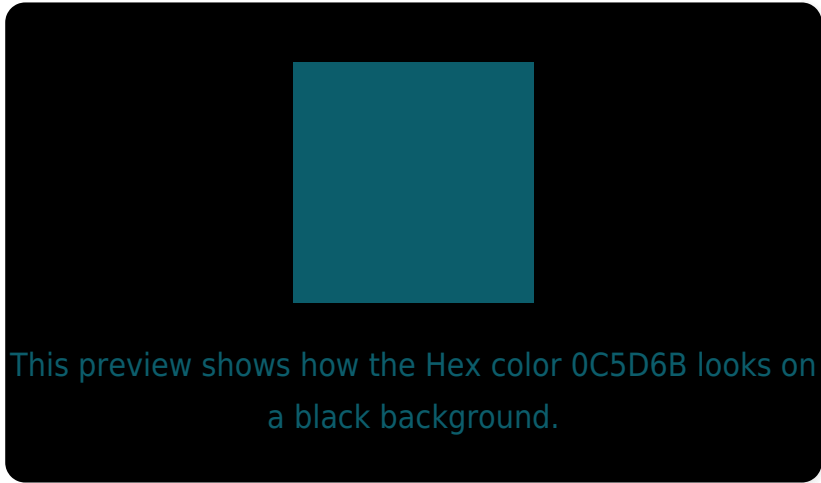
Large Text (above 18pt) WCAG AA ✓ Pass

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 0C5D6B Background



This preview shows how black text looks on a background with the Hex color 0C5D6B.



This preview shows how white text looks on a background with the Hex color 0C5D6B.

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
0C5D6B

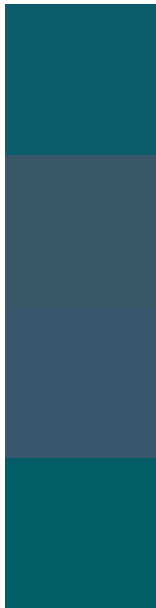
Protanopia
515464

Deuteranopia
4F536D



Tritanopia
005E65

Trichromacy



Original Color
0C5D6B

Protanomaly
385767

Deuteranomaly
37576C

Tritanomaly
045E67

Monochromacy



Original Color
0C5D6B

Achromatopsia
464646

Achromatomaly
314E53

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C5D6B 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 #0C5D6B looks like.

```
.text, #text, p{  
    color:#0C5D6B  
}
```

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 #0C5D6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C5D6B
}
```

Border

The CSS property to change the border of an element to Hex 0C5D6B 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
#0C5D6B }
```

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

```
.border{ border-color:#0C5D6B }
```

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

Here you see how a box with a 4 pixel #0C5D6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C5D6B; -webkit-box-shadow:4px 4px  
4px 4px #0C5D6B; box-shadow:4px 4px 4px  
4px #0C5D6B }
```

Background

The CSS property to change the background color of an element to Hex 0C5D6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C5D6B }
```

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

```
.background{ background-color:#0C5D6B }
```

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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