

# Converting Colors

Hex(0C5161)

Have a look what the booklet for  
Hex(0C5161) contains.

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# Color

**Hex(0C5161)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C5161
RGB	12, 81, 97
RGB Percent	5%, 32%, 38%
CMY	0.9529, 0.6824, 0.6196
CMYK	0.88, 0.16, 0.00, 0.62
HSL	191°, 78%, 21%
HSV	191°, 88%, 38%
XYZ	5.2517, 6.8261, 12.3500
YIQ	62.1930, -46.2600, -9.6520

# Conversions

## Conversions Part 2

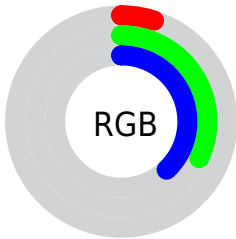
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 50, 97
Decimal	807265
CIE <sub>Lab</sub>	31.41, -13.90, -15.08
CIE <sub>LCh</sub>	31, 20.508, 227.315
Yxy	6.8261, 0.2150, 0.2794
Android (android.graphics.Color)	4278997345 (0xFF0C5161)
YUV	62.1930, 17.1599, -44.0193
Hunter-Lab	26.1268, -9.8418, -9.7374

# Details

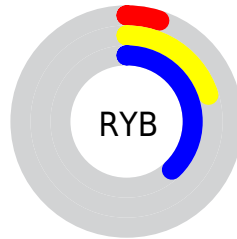
The Hex color **0C5161** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **611C0C**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **498294**, and **002433** is the 20% darker color. If you saturate the color by 10%, you get **024F61**, and if you desaturate by 10%, it is **165361**.

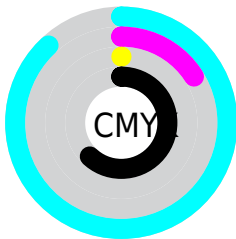
# Distribution



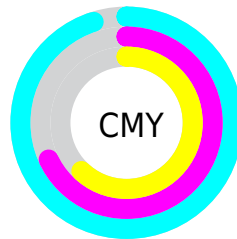
- Red (5%)
- Green (32%)
- Blue (38%)



- Red (5%)
- Yellow (20%)
- Blue (38%)



- Cyan (88%)
- Magenta (16%)
- Yellow (0%)
- Black (62%)



- Cyan (95%)
- Magenta (68%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C5161 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 0C5161 by changing the saturation by 10% instead.



 0C5161

 0C5161

FFFFFF

 003A49

 498294

 002433

 649DAE

 000B1E

 7EB7CA

 000001

 9AD3E6

 000000

 B6F0FF

 D2FFFF

 EFFFFFF

 0C5161

 0C5161

■ 024F61

■ 165361

■ 004F61

■ 1F5561

■ 295661

■ 335861

■ 3D5A61

■ 465C61

■ 505E61

■ 5A6061

■ 636161

# Harmonies

## Analogous

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



0E5253



0C5161



274E69

# Triad

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



0C5161



653E51



4B4C2B

# Complementary

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



0C5161



611C0C

# 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.



5B472B



0C5161



693E41

# Square

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



0C5161



574260



654133



395034

# Rectangle

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



0C5161



394A6A



654133



514A2A



# Sweetspot

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



0C5161



5C777D



0C611C



2C3C40



BFBFBF



404040



# Same Dimension

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



0C5161



00657D



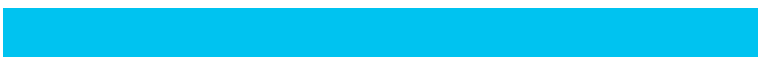
0C2761



2C3030



005B70



00C3F0



# Inverse Universe

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



610C51



7D0065



61460C



302C30



70005B

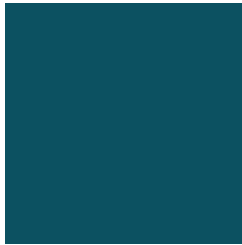


F000C3



# Previews

## White Background



This preview shows how the Hex color 0C5161 looks on a white background.

## Color Contrast Check

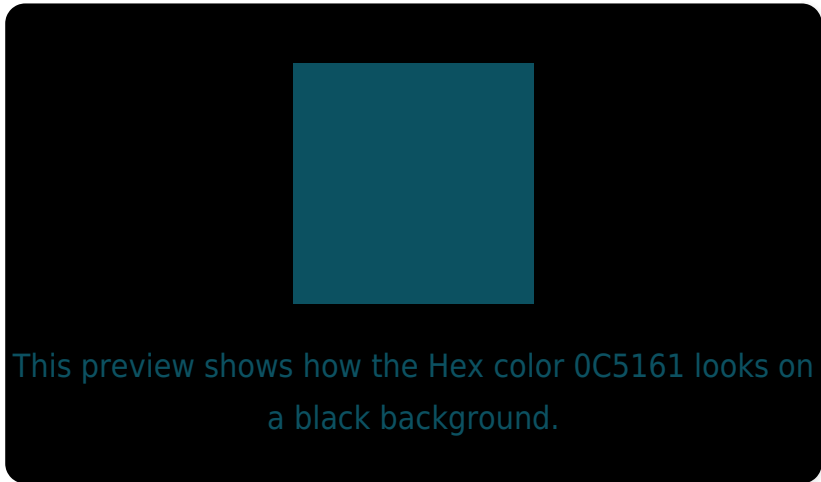
Large Text (above 18pt) WCAG AA ✓ Pass

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

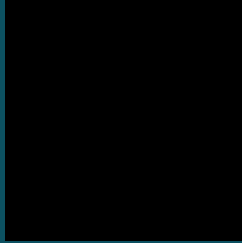
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

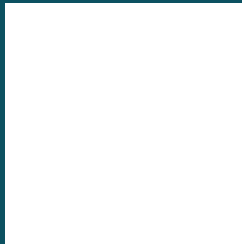
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0C5161 Background



This preview shows how black text looks on a background with the Hex color 0C5161.

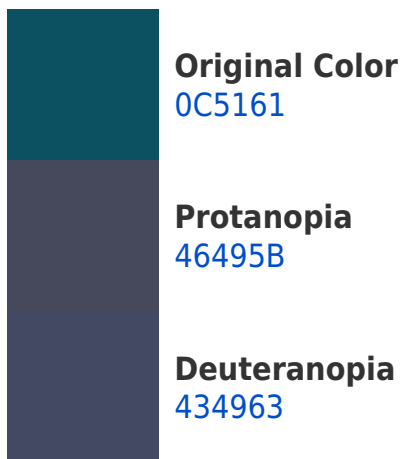


This preview shows how white text looks on a background with the Hex color 0C5161.

# Color Blindness Simulation

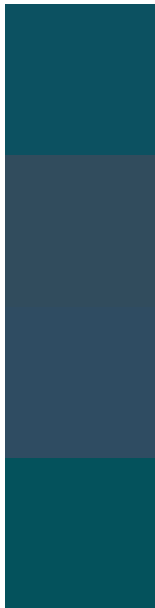
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
0C5161

**Protanomaly**  
314C5D

**Deuteranomaly**  
2F4C62

**Tritanomaly**  
04525C

# Monochromacy



**Original Color**  
0C5161

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
2C454B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C5161 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 #0C5161 looks like.

```
.text, #text, p{  
    color:#0C5161  
}
```

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 #0C5161 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C5161
}
```

## Border

The CSS property to change the border of an element to Hex 0C5161 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
#0C5161 }
```

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

```
.border{ border-color:#0C5161 }
```

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

Here you see how a box with a 4 pixel #0C5161 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C5161; -webkit-box-shadow:4px 4px  
4px 4px #0C5161; box-shadow:4px 4px 4px  
4px #0C5161 }
```

# Background

The CSS property to change the background color of an element to Hex 0C5161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C5161 }
```

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

```
.background{ background-color:#0C5161 }
```

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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