

Converting Colors

Hex(0C5271)

Have a look what the booklet for
Hex(0C5271) contains.

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Color

Hex(0C5271)

Conversions

Conversions Part 1

Format	Color
Hex	0C5271
RGB	12, 82, 113
RGB Percent	5%, 32%, 44%
CMY	0.9529, 0.6784, 0.5569
CMYK	0.89, 0.27, 0.00, 0.56
HSL	198°, 81%, 25%
HSV	198°, 89%, 44%
XYZ	6.1495, 7.3050, 16.7087
YIQ	64.6040, -51.6710, -5.1990

Conversions

Conversions Part 2

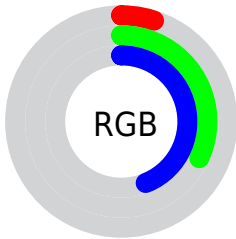
Format	Color
RYB	12, 53, 113
Decimal	807537
CIELab	32.49, -8.29, -23.47
CIElCh	32, 24.890, 250.550
Yxy	7.3050, 0.2039, 0.2422
Android (android.graphics.Color)	4278997617 (0xFF0C5271)
YUV	64.6040, 23.8592, -46.1337
Hunter-Lab	27.0278, -6.6850, -17.7339

Details

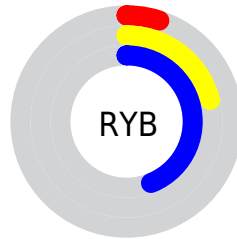
The Hex color **0C5271** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **712B0C**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **4C83A5**, and **002541** is the 20% darker color. If you saturate the color by 10%, you get **014F71**, and if you desaturate by 10%, it is **175571**.

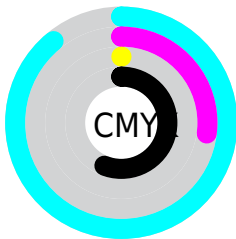
Distribution



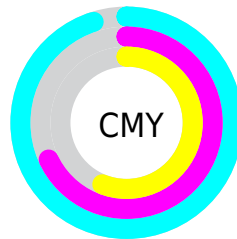
- Red (5%)
- Green (32%)
- Blue (44%)



- Red (5%)
- Yellow (21%)
- Blue (44%)



- Cyan (89%)
- Magenta (27%)
- Yellow (0%)
- Black (56%)



- Cyan (95%)
- Magenta (68%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C5271 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 0C5271 by changing the saturation by 10% instead.

0C5271

0C5271

FFFFFF

003B58

4C83A5

002541

689DC0

00112B

83B8DC

000116

9FD4F9

000000

BBF0FF

D8FFFF

F5FFFF

0C5271

0C5271

■ 014F71

■ 175571

■ 004E71

■ 235971

■ 2E5C71

■ 396071

■ 456371

■ 506771

■ 5B6A71

■ 666E71

■ 727171

Harmonies

Analogous

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



005665



0C5271



3A4C73

Triad

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



0C5271



723D46



3D532E

Complementary

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



0C5271



712B0C

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.



524E25



0C5271



6F4034

Square

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



0C5271



6A3E5A



634727



22563F

Rectangle

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



0C5271



4F476E



634727



44512A

Sweetspot

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



0C5271



6C8894



0C712A



32434A



C9C9C9



4A4A4A

Same Dimension

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



0C5271



006794



0C2071



323638



005378



00ABF7

Inverse Universe

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



710C52



940067



715D0C



383236



780053



F700AB

Previews

White Background



This preview shows how the Hex color 0C5271 looks on a white background.

Color Contrast Check

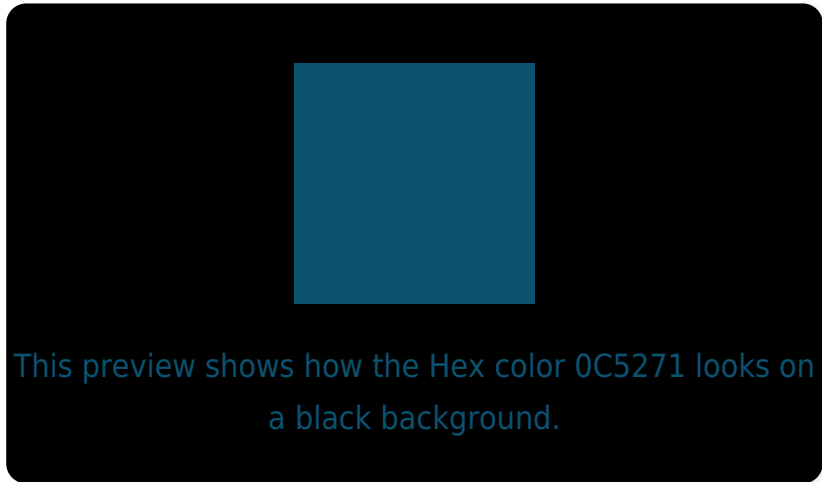
Large Text (above 18pt) WCAG AA ✓ Pass

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

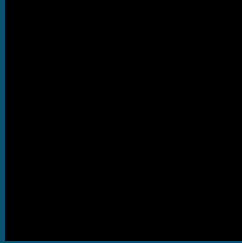
Any Text WCAG AA × Fail

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 0C5271 Background



This preview shows how black text looks on a background with the Hex color 0C5271.

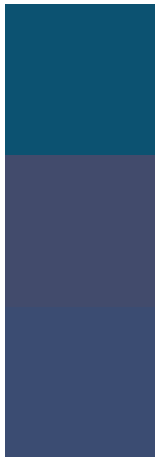


This preview shows how white text looks on a background with the Hex color 0C5271.

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
0C5271

Protanopia
424B6C

Deuteranopia
3B4C72



Tritanopia
00555B

Trichromacy



Original Color
0C5271

Protanomaly
2E4E6E

Deuteranomaly
2A4E72

Tritanomaly
045463

Monochromacy



Original Color
0C5271

Achromatopsia
414141

Achromatomaly
2E4752

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C5271 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 #0C5271 looks like.

```
.text, #text, p{  
    color:#0C5271  
}
```

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 #0C5271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C5271
}
```

Border

The CSS property to change the border of an element to Hex 0C5271 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
#0C5271 }
```

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

```
.border{ border-color:#0C5271 }
```

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

Here you see how a box with a 4 pixel #0C5271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C5271; -webkit-box-shadow:4px 4px  
4px 4px #0C5271; box-shadow:4px 4px 4px  
4px #0C5271 }
```

Background

The CSS property to change the background color of an element to Hex 0C5271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C5271 }
```

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

```
.background{ background-color:#0C5271 }
```

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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