

Converting Colors

Hex(0C5979)

Have a look what the booklet for
Hex(0C5979) contains.

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Color

Hex(0C5979)

Conversions

Conversions Part 1

Format	Color
Hex	0C5979
RGB	12, 89, 121
RGB Percent	5%, 35%, 47%
CMY	0.9529, 0.6510, 0.5255
CMYK	0.90, 0.26, 0.00, 0.53
HSL	198°, 82%, 26%
HSV	198°, 90%, 47%
XYZ	7.1752, 8.6034, 19.3716
YIQ	69.6250, -56.1640, -6.3720

Conversions

Conversions Part 2

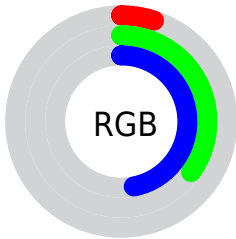
Format	Color
RYB	12, 57, 121
Decimal	809337
CIELab	35.21, -9.41, -24.19
CIElCh	35, 25.961, 248.743
Yxy	8.6034, 0.2041, 0.2448
Android (android.graphics.Color)	4278999417 (0xFF0C5979)
YUV	69.6250, 25.3279, -50.5371
Hunter-Lab	29.3315, -7.6649, -18.6252

Details

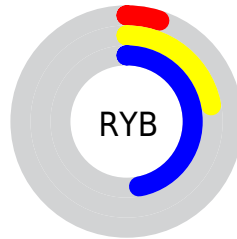
The Hex color **0C5979** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **792C0C**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **4F8BAE**, and **002C48** is the 20% darker color. If you saturate the color by 10%, you get **005579**, and if you desaturate by 10%, it is **185D79**.

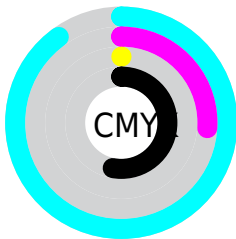
Distribution



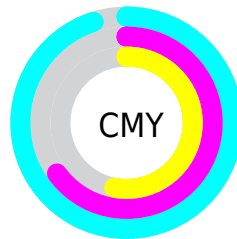
- Red (5%)
- Green (35%)
- Blue (47%)



- Red (5%)
- Yellow (22%)
- Blue (47%)



- Cyan (90%)
- Magenta (26%)
- Yellow (0%)
- Black (53%)



- Cyan (95%)
- Magenta (65%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C5979 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 0C5979 by changing the saturation by 10% instead.

0C5979

0C5979

FFFFFF

004260

4F8BAE

002C48

6BA5C9

001831

86C0E5

00021C

A2DCFF

000000

BFF9FF

DCFFFF

F9FFFF

0C5979

0C5979

■ 005579

■ 185D79

■ 246079

■ 306479

■ 3C6779

■ 486B79

■ 556E79

■ 617279

■ 6D7579

■ 797979

Harmonies

Analogous

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



005D6C



0C5979



3D537C

Triad

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



0C5979



7A424D



445932

Complementary

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



0C5979



792C0C

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.



5A5429



0C5979



78463A

Square

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



0C5979



714462



6C4C2C



285C43

Rectangle

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



0C5979



534E77



6C4C2C



4B572D

Sweetspot

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



0C5979



73929E



0C792B



36484F



CFCFCF



4F4F4F

Same Dimension

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



0C5979



00709E



0C2479



373B3D



00587D



00B2FC

Inverse Universe

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



790C59



9E0070



79610C



3D373B



7D0058



FC00B2

Previews

White Background



This preview shows how the Hex color 0C5979 looks on a white background.

Color Contrast Check

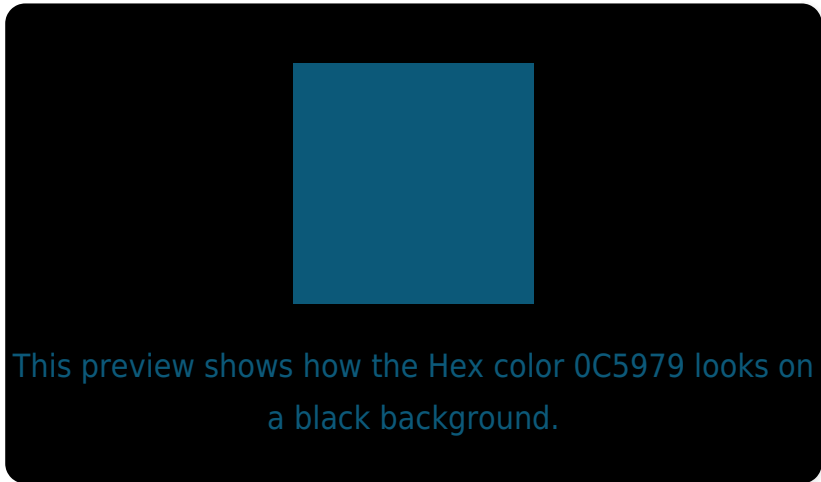
Large Text (above 18pt) WCAG AA ✓ Pass

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

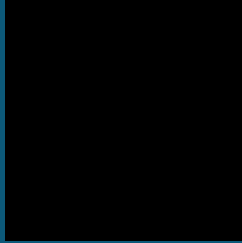
Any Text WCAG AA × Fail

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 0C5979 Background



This preview shows how black text looks on a background with the Hex color 0C5979.




This preview shows how white text looks on a background with the Hex color 0C5979.

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





Tritanopia
005C63

Trichromacy



Original Color
0C5979

Protanomaly
335575

Deuteranomaly
2E557A

Tritanomaly
045B6B

Monochromacy



Original Color
0C5979

Achromatopsia
464646

Achromatomaly
314D59

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C5979 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 #0C5979 looks like.

```
.text, #text, p{  
    color:#0C5979  
}
```

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 #0C5979 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C5979
}
```

Border

The CSS property to change the border of an element to Hex 0C5979 is called "border". The border property can be set on classes, ids or directly on the HTML element.

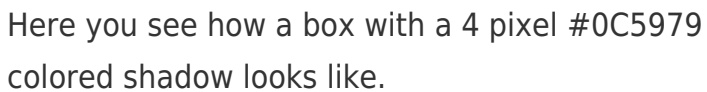
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C5979 }
```

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

```
.border{ border-color:#0C5979 }
```

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



Here you see how a box with a 4 pixel #0C5979 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C5979; -webkit-box-shadow:4px 4px  
4px 4px #0C5979; box-shadow:4px 4px 4px  
4px #0C5979 }
```

Background

The CSS property to change the background color of an element to Hex 0C5979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C5979 }
```

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

```
.background{ background-color:#0C5979 }
```

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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