

Converting Colors

Hex(0C5372)

Have a look what the booklet for
Hex(0C5372) contains.

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Color

Hex(0C5372)

Conversions

Conversions Part 1

Format	Color
Hex	0C5372
RGB	12, 83, 114
RGB Percent	5%, 33%, 45%
CMY	0.9529, 0.6745, 0.5529
CMYK	0.89, 0.27, 0.00, 0.55
HSL	198°, 81%, 25%
HSV	198°, 89%, 45%
XYZ	6.2821, 7.4796, 17.0322
YIQ	65.3050, -52.2670, -5.4110

Conversions

Conversions Part 2

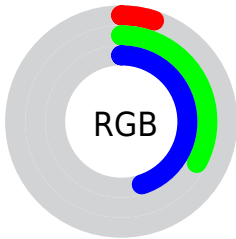
Format	Color
RYB	12, 54, 114
Decimal	807794
CIELab	32.87, -8.51, -23.50
CIELCh	33, 24.988, 250.095
Yxy	7.4796, 0.2040, 0.2429
Android (android.graphics.Color)	4278997874 (0xFF0C5372)
YUV	65.3050, 24.0066, -46.7485
Hunter-Lab	27.3488, -6.8582, -17.7802

Details

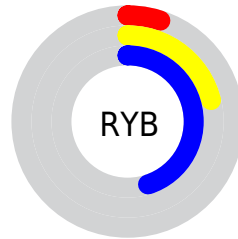
The Hex color **0C5372** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **722B0C**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **4D84A6**, and **002642** is the 20% darker color. If you saturate the color by 10%, you get **015072**, and if you desaturate by 10%, it is **175672**.

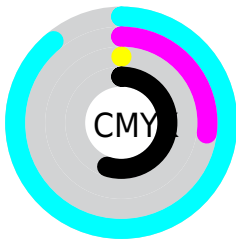
Distribution



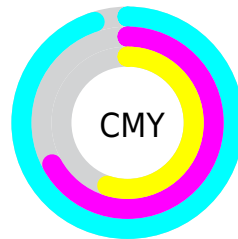
- Red (5%)
- Green (33%)
- Blue (45%)



- Red (5%)
- Yellow (21%)
- Blue (45%)



- Cyan (89%)
- Magenta (27%)
- Yellow (0%)
- Black (55%)



- Cyan (95%)
- Magenta (67%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C5372 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 0C5372 by changing the saturation by 10% instead.



0C5372



0C5372

FFFFFF



003C59



4D84A6



002642



689EC1



00122C



84B9DD



000116



9FD5FA



000000



BCF1FF



D8FFFF



F6FFFF



0C5372



0C5372

■ 015072

■ 175672

■ 004F72

■ 235A72

■ 2E5D72

■ 3A6172

■ 456472

■ 506872

■ 5C6B72

■ 676F72

■ 737272

Harmonies

Analogous

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



005766



0C5372



3A4D74

Triad

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



0C5372



733D47



3E542E

Complementary

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



0C5372



722B0C

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.



534E26



0C5372



704135

Square

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



0C5372



6B3F5B



654828



23573F

Rectangle

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



0C5372



4F486F



654828



45522A

Sweetspot

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



0C5372



6C8894



0C722B



32434A



C9C9C9



4A4A4A

Same Dimension

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



0C5372



006794



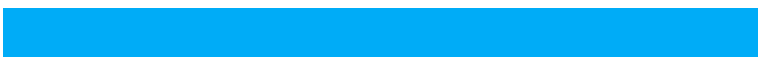
0C2072



323638



005378



00ACF7

Inverse Universe

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



720C53



940067



725E0C



383236



780053



F700AC

Previews

White Background



This preview shows how the Hex color 0C5372 looks on a white background.

Color Contrast Check

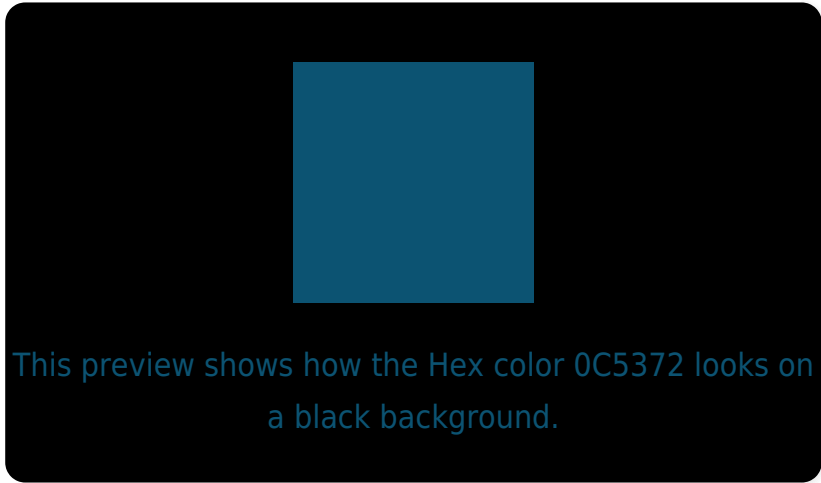
Large Text (above 18pt) WCAG AA ✓ Pass

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

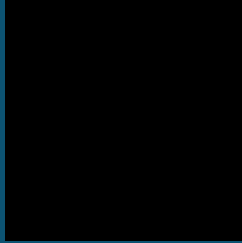
Any Text WCAG AA × Fail

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 0C5372 Background



This preview shows how black text looks on a background with the Hex color 0C5372.



This preview shows how white text looks on a background with the Hex color 0C5372.

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

0C5372

Protanomaly

2F4F6E

Deuteranomaly

2B4F73

Monochromacy



Original Color

0C5372

Achromatopsia

414141

Achromatomaly

2E4853

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C5372 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 #0C5372 looks like.

```
.text, #text, p{  
    color:#0C5372  
}
```

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 #0C5372 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C5372
}
```

Border

The CSS property to change the border of an element to Hex 0C5372 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
#0C5372 }
```

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

```
.border{ border-color:#0C5372 }
```

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

Here you see how a box with a 4 pixel #0C5372 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C5372; -webkit-box-shadow:4px 4px  
4px 4px #0C5372; box-shadow:4px 4px 4px  
4px #0C5372 }
```

Background

The CSS property to change the background color of an element to Hex 0C5372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C5372 }
```

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

```
.background{ background-color:#0C5372 }
```

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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