

Converting Colors

Hex(0E638C)

Have a look what the booklet for
Hex(0E638C) contains.

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Color

Hex(0E638C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 0E638C |
| RGB | 14, 99, 140 |
| RGB Percent | 5%, 39%, 55% |
| CMY | 0.9451, 0.6118, 0.4510 |
| CMYK | 0.90, 0.29, 0.00, 0.45 |
| HSL | 200°, 82%, 30% |
| HSV | 200°, 90%, 55% |
| XYZ | 9.3766, 10.9105, 26.4227 |
| YIQ | 78.2590, -63.8210, -5.2690 |

Conversions

Conversions Part 2

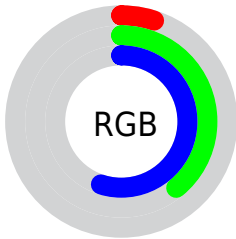
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 14, 65, 140 |
| Decimal | 942988 |
| CIE Lab | 39.43, -7.89, -29.18 |
| CIE LCh | 39, 30.228, 254.874 |
| Yxy | 10.9105, 0.2007, 0.2336 |
| Android (android.graphics.Color) | 4279133068 (0xFF0E638C) |
| YUV | 78.2590, 30.4383, -56.3551 |
| Hunter-Lab | 33.0310, -7.1333, -24.3064 |

Details

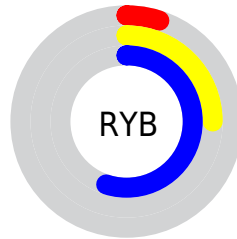
The Hex color **0E638C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8C370E**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **5596C2**, and **00355A** is the 20% darker color. If you saturate the color by 10%, you get **005E8C**, and if you desaturate by 10%, it is **1C688C**.

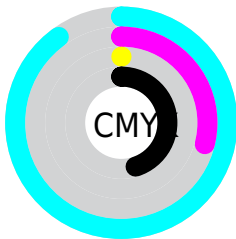
Distribution



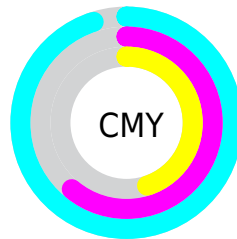
- Red (5%)
- Green (39%)
- Blue (55%)



- Red (5%)
- Yellow (25%)
- Blue (55%)



- Cyan (90%)
- Magenta (29%)
- Yellow (0%)
- Black (45%)



- Cyan (95%)
- Magenta (61%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E638C 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 0E638C by changing the saturation by 10% instead.

 0E638C

 0E638C

FFFFFF

 004B72

 5596C2

 00355A

 71B0DE

 002042

 8ECCFA

 00032C

 AAE8FF

 000116

 C7FFFF

 000000

 E4FFFF

 0E638C

 0E638C

 005E8C

 1C688C

■ 2A6C8C

■ 38718C

■ 46758C

■ 547A8C

■ 627E8C

■ 70838C

■ 7E878C

■ 8C8C8C

Harmonies

Analogous

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



00687F



0E638C



4B5B8C

Triad

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



0E638C



8C4951



446539

Complementary

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



0E638C



8C370E

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.



605F2C



0E638C



864E3B

Square

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



0E638C



844A6A



77572D



1F694F

Rectangle

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



0E638C



645585



77572D



4E6433

Sweetspot

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



0E638C



84A5B5



0E8C36



3E525C



DBDBDB



5C5C5C

Same Dimension

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



0E638C



007AB5



0E258C



3E4345



005985



000305

Inverse Universe

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



8C0E63



B5007A



8C750E



453E43



850059



050003

Previews

White Background



This preview shows how the Hex color 0E638C looks on a white background.

Color Contrast Check

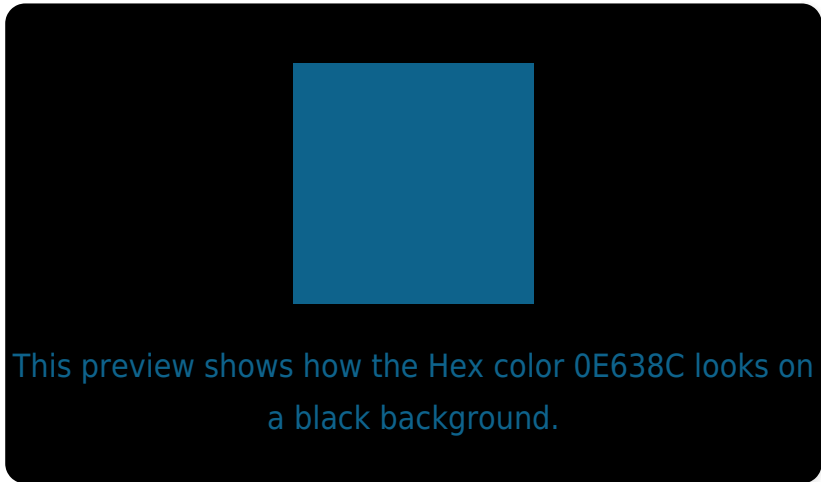
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

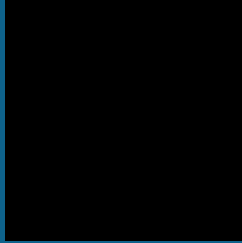
Any Text WCAG AA × Fail

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 0E638C Background



This preview shows how black text looks on a background with the Hex color 0E638C.



This preview shows how white text looks on a background with the Hex color 0E638C.

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](#).

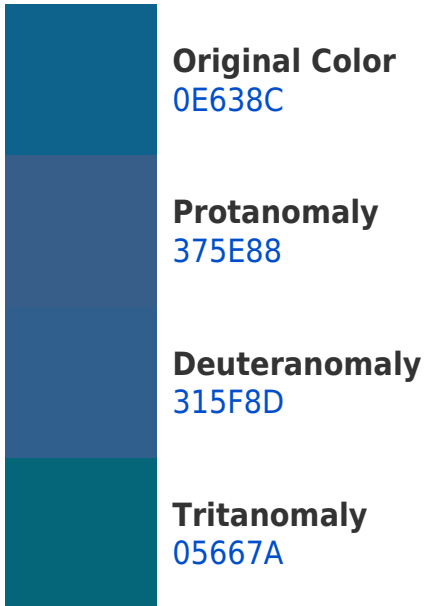
Dichromacy





Tritanopia
00676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0E638C 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 #0E638C looks like.

```
.text, #text, p{  
    color:#0E638C  
}
```

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 #0E638C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E638C
}
```

Border

The CSS property to change the border of an element to Hex 0E638C 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
#0E638C }
```

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

```
.border{ border-color:#0E638C }
```

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

Here you see how a box with a 4 pixel #0E638C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E638C; -webkit-box-shadow:4px 4px  
4px 4px #0E638C; box-shadow:4px 4px 4px  
4px #0E638C }
```

Background

The CSS property to change the background color of an element to Hex 0E638C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E638C }
```

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

```
.background{ background-color:#0E638C }
```

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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