

Converting Colors

Hex(096EA0)

Have a look what the booklet for
Hex(096EA0) contains.

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Color

Hex(096EA0)

Conversions

Conversions Part 1

Format	Color
Hex	096EA0
RGB	9, 110, 160
RGB Percent	4%, 43%, 63%
CMY	0.9647, 0.5686, 0.3725
CMYK	0.94, 0.31, 0.00, 0.37
HSL	200°, 89%, 33%
HSV	200°, 94%, 63%
XYZ	12.0338, 13.7480, 35.2771
YIQ	85.5010, -76.2460, -5.8620

Conversions

Conversions Part 2

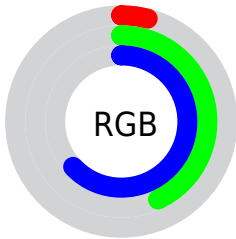
Format	Color
RYB	9, 70, 160
Decimal	618144
CIELab	43.87, -6.99, -34.14
CIELCh	44, 34.850, 258.430
Yxy	13.7480, 0.1971, 0.2252
Android (android.graphics.Color)	4278808224 (0xFF096EA0)
YUV	85.5010, 36.7280, -67.0914
Hunter-Lab	37.0783, -6.9549, -30.4550

Details

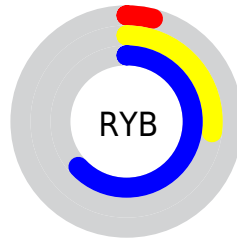
The Hex color **096EA0** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A03B09**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **59A1D7**, and **003F6C** is the 20% darker color. If you saturate the color by 10%, you get **006BA0**, and if you desaturate by 10%, it is **1973A0**.

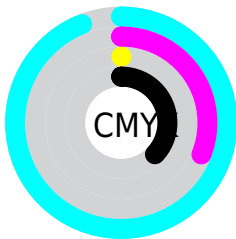
Distribution



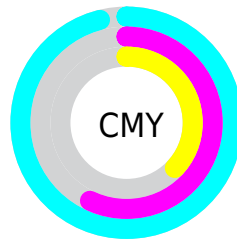
- Red (4%)
- Green (43%)
- Blue (63%)



- Red (4%)
- Yellow (27%)
- Blue (63%)



- Cyan (94%)
- Magenta (31%)
- Yellow (0%)
- Black (37%)



- Cyan (96%)
- Magenta (57%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 096EA0 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 096EA0 by changing the saturation by 10% instead.

096EA0

096EA0

FFFFFF

005686

59A1D7

003F6C

76BCF4

002954

94D8FF

00153C

B1F4FF

000226

CEFFFF

00010F

ECFFFF

000000

096EA0

096EA0

006BA0

1973A0

■ 2979A0

■ 397EA0

■ 4983A0

■ 5988A0

■ 698EA0

■ 7993A0

■ 8998A0

■ 999EA0

Harmonies

Analogous

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



007492



096EA0



58649F

Triad

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



096EA0



9E5057



467240

Complementary

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



096EA0



A03B09

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.



676C2F



096EA0



96583E

Square

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



096EA0



985174



83622E



0F765B

Rectangle

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



096EA0



755D95



83622E



527039

Sweetspot

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



096EA0



97BED1



09A039



455D69



E8E8E8



696969

Same Dimension

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



096EAO



008CD1



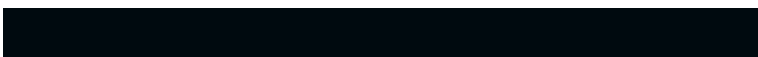
0925A0



474C4F



00608F



000A0F

Inverse Universe

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



A0096E



D1008C



A08409



4F474C



8F0060



0F000A

Previews

White Background



This preview shows how the Hex color 096EA0 looks on a white background.

Color Contrast Check

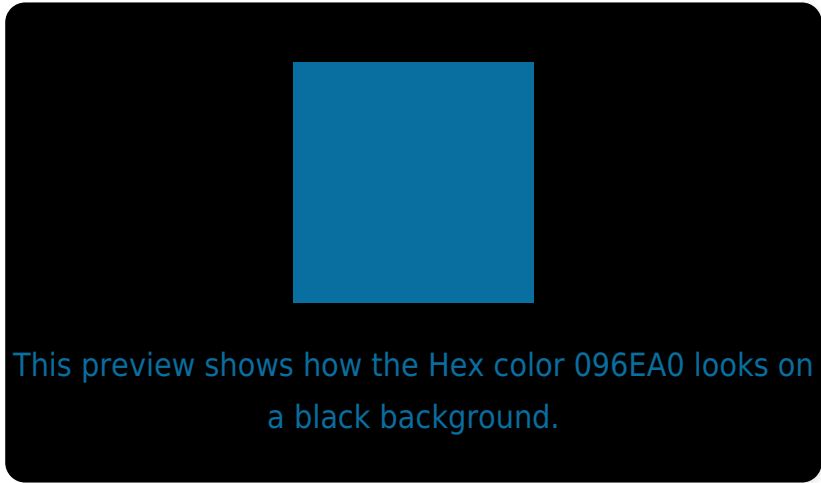
Large Text (above 18pt) WCAG AA ✓ Pass

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

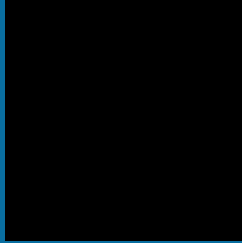
Any Text WCAG AA × Fail

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 096EA0 Background



This preview shows how black text looks on a background with the Hex color 096EA0.



This preview shows how white text looks on a background with the Hex color 096EA0.

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](#).

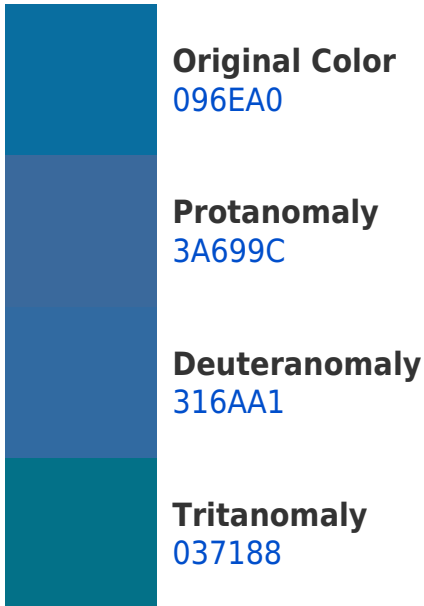
Dichromacy



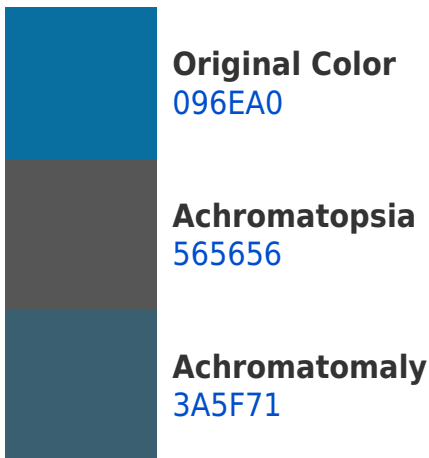


Tritanopia
00737B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 096EA0 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 #096EA0 looks like.

```
.text, #text, p{  
    color:#096EA0  
}
```

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 #096EA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #096EA0
}
```

Border

The CSS property to change the border of an element to Hex 096EA0 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
#096EA0 }
```

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

```
.border{ border-color:#096EA0 }
```

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

Here you see how a box with a 4 pixel #096EA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #096EA0; -webkit-box-shadow:4px 4px  
4px 4px #096EA0; box-shadow:4px 4px 4px  
4px #096EA0 }
```

Background

The CSS property to change the background color of an element to Hex 096EA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#096EA0 }
```

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

```
.background{ background-color:#096EA0 }
```

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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