

Converting Colors

Hex(0E7EA1)

Have a look what the booklet for
Hex(0E7EA1) contains.

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Color

Hex(0E7EA1)

Conversions

Conversions Part 1

Format	Color
Hex	0E7EA1
RGB	14, 126, 161
RGB Percent	5%, 49%, 63%
CMY	0.9451, 0.5059, 0.3686
CMYK	0.91, 0.22, 0.00, 0.37
HSL	194°, 84%, 34%
HSV	194°, 91%, 63%
XYZ	14.0750, 17.5883, 36.3713
YIQ	96.5020, -77.9870, -12.8590

Conversions

Conversions Part 2

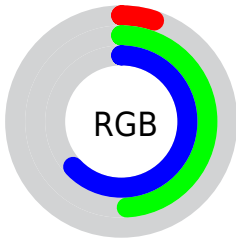
Format	Color
R_{YB}	14, 78, 161
Decimal	949921
CIE _{Lab}	48.99, -15.61, -26.71
CIE _{LCh}	49, 30.941, 239.696
Yxy	17.5883, 0.2069, 0.2585
Android (android.graphics.Color)	4279140001 (0xFF0E7EA1)
YUV	96.5020, 31.7975, -72.3543
Hunter-Lab	41.9384, -13.4856, -22.0627

Details

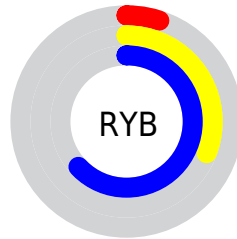
The Hex color **0E7EA1** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A1310E**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **5BB3D8**, and **004D6D** is the 20% darker color. If you saturate the color by 10%, you get **007BA1**, and if you desaturate by 10%, it is **1E82A1**.

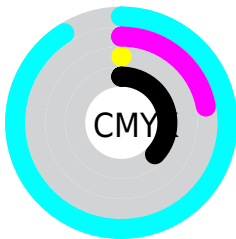
Distribution



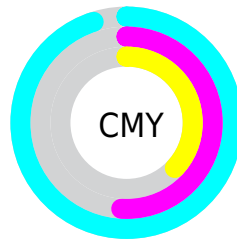
- Red (5%)
- Green (49%)
- Blue (63%)



- Red (5%)
- Yellow (31%)
- Blue (63%)



- Cyan (91%)
- Magenta (22%)
- Yellow (0%)
- Black (37%)



- Cyan (95%)
- Magenta (51%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E7EA1 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 0E7EA1 by changing the saturation by 10% instead.

0E7EA1

0E7EA1

FFFFFF

006587

5BB3D8

004D6D

79CEF4

003655

97EBFF

00213D

B4FFFF

000328

D1FFFF

000111

EFFFFF

000000

0E7EA1

0E7EA1

007BA1

1E82A1

■ 2E86A1

■ 3E8AA1

■ 4E8DA1

■ 5F91A1

■ 6F95A1

■ 7F99A1

■ 8F9DA1

■ 9FA1A1

Harmonies

Analogous

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



00828D



0E7EA1



4C77A8

Triad

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



0E7EA1



A56076



6A7B46

Complementary

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



0E7EA1



A1310E

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.



85733F



0E7EA1



A6625C

Square

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



0E7EA1



95658F



9A6A48



4B8059

Rectangle

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



0E7EA1



6A71A6



9A6A48



747842

Sweetspot

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



0E7EA1



99C4D1



0EA130



476169



E8E8E8



696969

Same Dimension

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



0E7EA1



009FD1



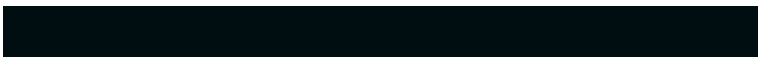
0E35A1



495052



006F91



000E12

Inverse Universe

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



A10E7E



D1009F



A17A0E



524950



91006F



12000E

Previews

White Background



This preview shows how the Hex color 0E7EA1 looks on a white background.

Color Contrast Check

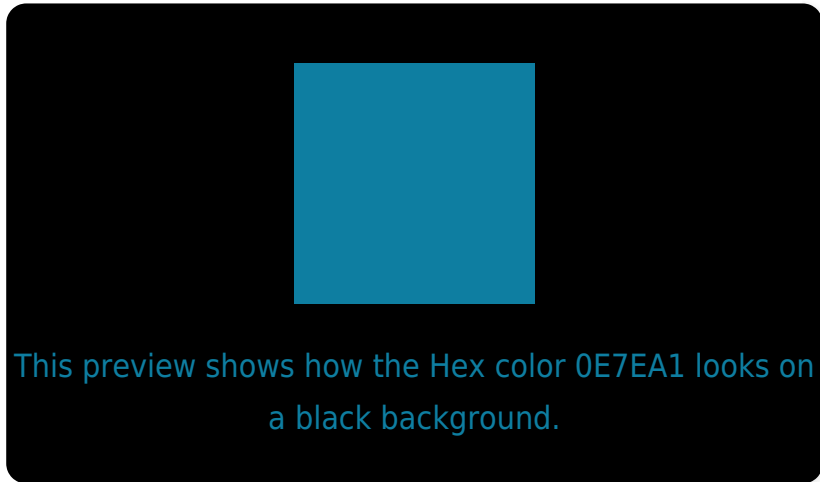
Large Text (above 18pt) WCAG AA ✓ Pass

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

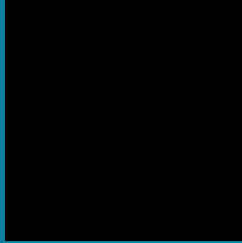
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0E7EA1 Background



This preview shows how black text looks on a background with the Hex color 0E7EA1.

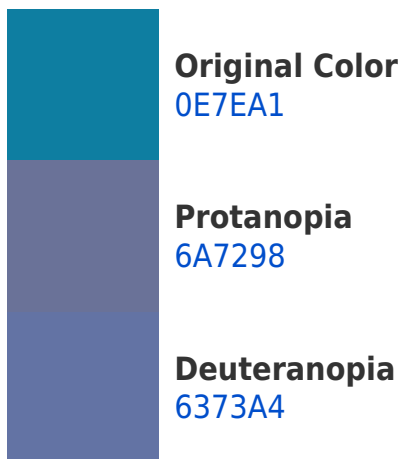


This preview shows how white text looks on a background with the Hex color 0E7EA1.

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

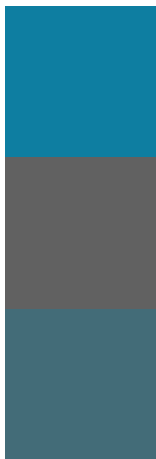


Original Color
0E7EA1

Protanomaly
49769B

Deuteranomaly
4477A3

Monochromacy



Original Color
0E7EA1

Achromatopsia
616161

Achromatomaly
436C78

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E7EA1 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 #0E7EA1 looks like.

```
.text, #text, p{  
    color:#0E7EA1  
}
```

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 #0E7EA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E7EA1
}
```

Border

The CSS property to change the border of an element to Hex 0E7EA1 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
#0E7EA1 }
```

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

```
.border{ border-color:#0E7EA1 }
```

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

Here you see how a box with a 4 pixel #0E7EA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E7EA1; -webkit-box-shadow:4px 4px  
4px 4px #0E7EA1; box-shadow:4px 4px 4px  
4px #0E7EA1 }
```

Background

The CSS property to change the background color of an element to Hex 0E7EA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E7EA1 }
```

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

```
.background{ background-color:#0E7EA1 }
```

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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