

Converting Colors

Hex(0E4E8E)

Have a look what the booklet for
Hex(0E4E8E) contains.

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Color

Hex(0E4E8E)

Conversions

Conversions Part 1

Format	Color
Hex	0E4E8E
RGB	14, 78, 142
RGB Percent	5%, 31%, 56%
CMY	0.9451, 0.6941, 0.4431
CMYK	0.90, 0.45, 0.00, 0.44
HSL	210°, 82%, 31%
HSV	210°, 90%, 56%
XYZ	7.7880, 7.4951, 26.6274
YIQ	66.1600, -58.6880, 6.3360

Conversions

Conversions Part 2

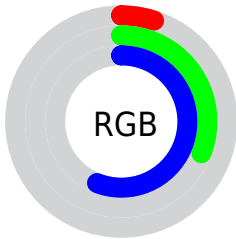
Format	Color
R_{YB}	14, 57, 142
Decimal	937614
CIE _{Lab}	32.91, 6.36, -40.74
CIE _{LCh}	33, 41.238, 278.868
Yxy	7.4951, 0.1858, 0.1788
Android (android.graphics.Color)	4279127694 (0xFF0E4E8E)
YUV	66.1600, 37.3891, -45.7443
Hunter-Lab	27.3772, 2.8675, -38.5021

Details

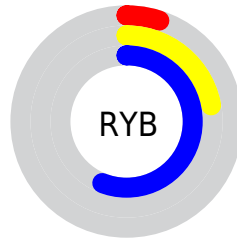
The Hex color **0E4E8E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8E4E0E**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **557FC4**, and **00235B** is the 20% darker color. If you saturate the color by 10%, you get **00478E**, and if you desaturate by 10%, it is **1C558E**.

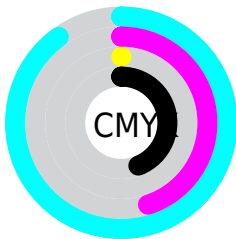
Distribution



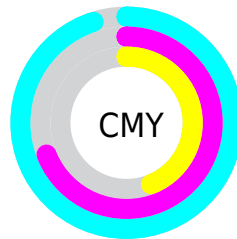
- Red (5%)
- Green (31%)
- Blue (56%)



- Red (5%)
- Yellow (22%)
- Blue (56%)



- Cyan (90%)
- Magenta (45%)
- Yellow (0%)
- Black (44%)



- Cyan (95%)
- Magenta (69%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E4E8E 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 0E4E8E by changing the saturation by 10% instead.

 0E4E8E


 0E4E8E

FFFFFF

 003874

 557FC4

 00235B

 7198E0

 000C43

 8EB3FD

 00032C

 AAC EFF

 000117

 C7EAFF

 000000

 E4FFFF

 0E4E8E

 0E4E8E

 00478E

 1C558E

■ 2A5C8E

■ 39638E

■ 476A8E

■ 55728E

■ 63798E

■ 71808E

■ 80878E

■ 8E8E8E

Harmonies

Analogous

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



00578A



0E4E8E



5B4080

Triad

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



0E4E8E



823526



005B35

Complementary

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



0E4E8E



8E4E0E

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.



315716



0E4E8E



70430B

Square

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



0E4E8E



882D45



554F01



005D56

Rectangle

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



0E4E8E



733670



554F01



035A2A

Sweetspot

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



0E4E8E



869FB8



0E8E4E



3E4D5C



DBDBDB



5C5C5C

Same Dimension

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



0E4E8E



005CB8



0E0E8E



404447



004487



000408

Inverse Universe

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



8E0E4E



B8005C



8E8E0E



474044



870044



080004

Previews

White Background



This preview shows how the Hex color 0E4E8E looks on a white background.

Color Contrast Check

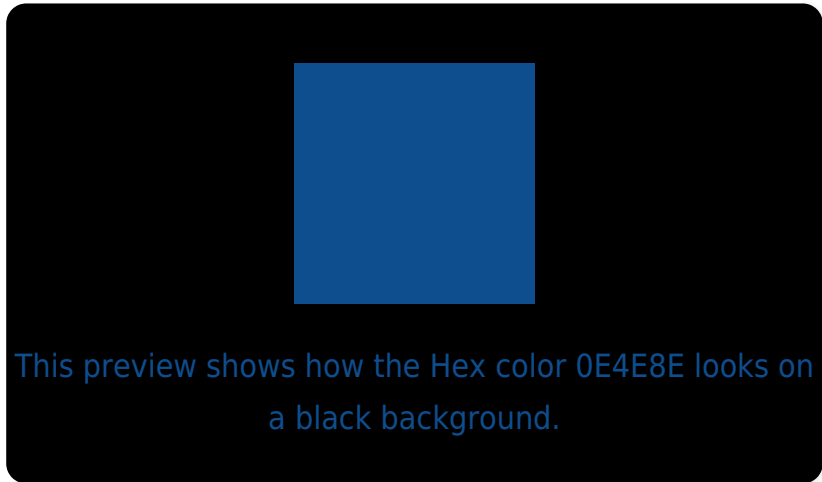
Large Text (above 18pt) WCAG AA ✓ Pass

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 0E4E8E Background



This preview shows how black text looks on a background with the Hex color 0E4E8E.



This preview shows how white text looks on a background with the Hex color 0E4E8E.

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



Original Color
0E4E8E

Protanopia
2E4B8B

Deuteranopia
004F8B

Trichromacy



Original Color
0E4E8E

Protanomaly
224C8C

Deuteranomaly
054F8C

Tritanomaly
05536E

Monochromacy



Original Color
0E4E8E

Achromatopsia
424242

Achromatomaly
2F465E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E4E8E 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 #0E4E8E looks like.

```
.text, #text, p{  
    color:#0E4E8E  
}
```

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 #0E4E8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E4E8E
}
```

Border

The CSS property to change the border of an element to Hex 0E4E8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

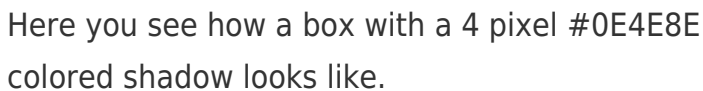
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0E4E8E }
```

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

```
.border{ border-color:#0E4E8E }
```

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



Here you see how a box with a 4 pixel #0E4E8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E4E8E; -webkit-box-shadow:4px 4px  
4px 4px #0E4E8E; box-shadow:4px 4px 4px  
4px #0E4E8E }
```

Background

The CSS property to change the background color of an element to Hex 0E4E8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E4E8E }
```

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

```
.background{ background-color:#0E4E8E }
```

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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