

Converting Colors

Hex(0E4AA4)

Have a look what the booklet for
Hex(0E4AA4) contains.

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Color

Hex(0E4AA4)

Conversions

Conversions Part 1

Format	Color
Hex	0E4AA4
RGB	14, 74, 164
RGB Percent	5%, 29%, 64%
CMY	0.9451, 0.7098, 0.3569
CMYK	0.91, 0.55, 0.00, 0.36
HSL	216°, 84%, 35%
HSV	216°, 91%, 64%
XYZ	9.3307, 7.6713, 36.1109
YIQ	66.3200, -64.6500, 15.2700

Conversions

Conversions Part 2

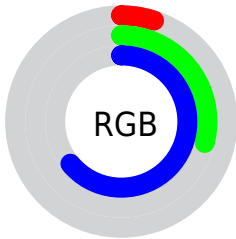
Format	Color
RYB	14, 57, 164
Decimal	936612
CIELab	33.29, 18.20, -53.46
CIElCh	33, 56.472, 288.805
Yxy	7.6713, 0.1757, 0.1444
Android (android.graphics.Color)	4279126692 (0xFF0E4AA4)
YUV	66.3200, 48.1562, -45.8846
Hunter-Lab	27.6970, 11.6642, -57.9133

Details

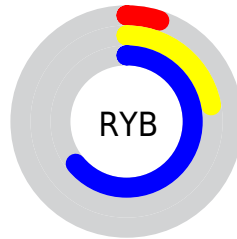
The Hex color **0E4AA4** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **A4680E**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **5B7ADC**, and **00206F** is the 20% darker color. If you saturate the color by 10%, you get **0042A4**, and if you desaturate by 10%, it is **1E54A4**.

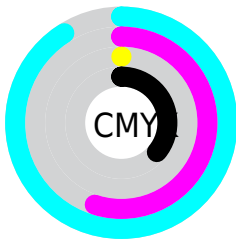
Distribution



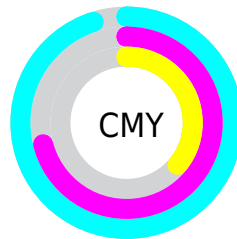
- Red (5%)
- Green (29%)
- Blue (64%)



- Red (5%)
- Yellow (22%)
- Blue (64%)



- Cyan (91%)
- Magenta (55%)
- Yellow (0%)
- Black (36%)



- Cyan (95%)
- Magenta (71%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E4AA4 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 0E4AA4 by changing the saturation by 10% instead.

■ 0E4AA4

■ 0E4AA4

FFFFFF

■ 003489

■ 5B7ADC

■ 00206F

■ 7994F9

■ 000956

■ 96AEFF

■ 00063E

■ B4C9FF

■ 000327

■ D1E5FF

■ 000111

■ EFFFFFF

■ 000000

■ 0E4AA4

■ 0E4AA4

■ 0042A4

■ 1E54A4

■ 2F5EA4

■ 3F68A4

■ 5071A4

■ 607BA4

■ 7085A4

■ 818FA4

■ 9199A4

■ A2A3A4

Harmonies

Analogous

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



0059A7



0E4AA4



71328A

Triad

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



0E4AA4



8C3007



00603B

Complementary

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



0E4AA4



A4680E

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.



005D07



0E4AA4



6E4600

Square

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



0E4AA4



9A1435



465500



00616A

Rectangle

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



0E4AA4



8C1E70



465500



005F2C

Sweetspot

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



0E4AA4



9CB3D6



0EA468



49576B



EBEBEB



6B6B6B

Same Dimension

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



0E4AA4



0056D6



1D0EA4



494D52



003A91



000712

Inverse Universe

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



A40E4A



D60056



95A40E



52494D



91003A



120007

Previews

White Background



This preview shows how the Hex color 0E4AA4 looks on a white background.

Color Contrast Check

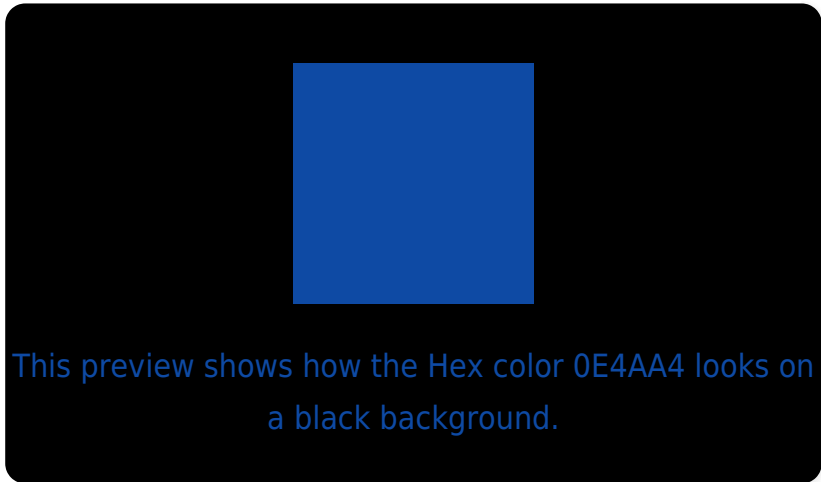
Large Text (above 18pt) WCAG AA ✓ Pass

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

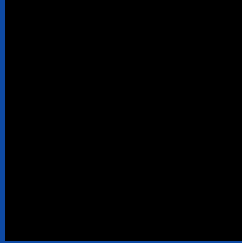
Any Text WCAG AA × Fail

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 0E4AA4 Background



This preview shows how black text looks on a background with the Hex color 0E4AA4.



This preview shows how white text looks on a background with the Hex color 0E4AA4.

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

0E4AA4

Protanopia

004BA0

Deuteranopia

00508A



Tritanopia
00575C

Trichromacy



Original Color
0E4AA4

Protanomaly
054BA1

Deuteranomaly
054E93

Tritanomaly
055276

Monochromacy



Original Color
0E4AA4

Achromatopsia
424242

Achromatomaly
2F4566

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E4AA4 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 #0E4AA4 looks like.

```
.text, #text, p{  
    color:#0E4AA4  
}
```

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 #0E4AA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E4AA4
}
```

Border

The CSS property to change the border of an element to Hex 0E4AA4 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
#0E4AA4 }
```

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

```
.border{ border-color:#0E4AA4 }
```

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

Here you see how a box with a 4 pixel #0E4AA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E4AA4; -webkit-box-shadow:4px 4px  
4px 4px #0E4AA4; box-shadow:4px 4px 4px  
4px #0E4AA4 }
```

Background

The CSS property to change the background color of an element to Hex 0E4AA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E4AA4 }
```

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

```
.background{ background-color:#0E4AA4 }
```

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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