

Converting Colors

Hex(0E549B)

Have a look what the booklet for
Hex(0E549B) contains.

Hex(0E549B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0E549B)

Conversions

Conversions Part 1

Format	Color
Hex	0E549B
RGB	14, 84, 155
RGB Percent	5%, 33%, 61%
CMY	0.9451, 0.6706, 0.3922
CMYK	0.91, 0.46, 0.00, 0.39
HSL	210°, 83%, 33%
HSV	210°, 91%, 61%
XYZ	9.2678, 8.8006, 32.2206
YIQ	71.1640, -64.5110, 7.2410

Conversions

Conversions Part 2

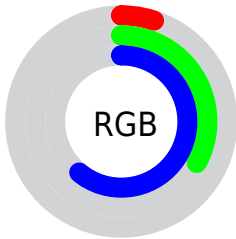
Format	Color
R_{YB}	14, 61, 155
Decimal	939163
CIE Lab	35.60, 7.73, -44.32
CIE LCh	36, 44.985, 279.898
Yxy	8.8006, 0.1843, 0.1750
Android (android.graphics.Color)	4279129243 (0xFF0E549B)
YUV	71.1640, 41.3311, -50.1328
Hunter-Lab	29.6658, 3.8498, -43.6300

Details

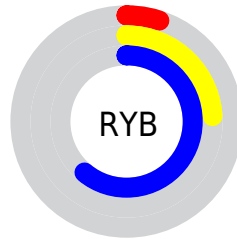
The Hex color **0E549B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9B550E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **5885D2**, and **002867** is the 20% darker color. If you saturate the color by 10%, you get **004D9B**, and if you desaturate by 10%, it is **1D5C9B**.

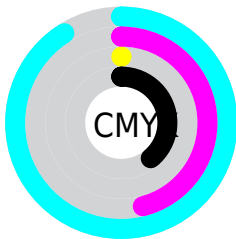
Distribution



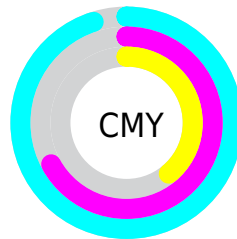
- Red (5%)
- Green (33%)
- Blue (61%)



- Red (5%)
- Yellow (24%)
- Blue (61%)



- Cyan (91%)
- Magenta (46%)
- Yellow (0%)
- Black (39%)



- Cyan (95%)
- Magenta (67%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E549B 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 0E549B by changing the saturation by 10% instead.

■ 0E549B

■ 0E549B

FFFFFF

■ 003D81

■ 5885D2

■ 002867

■ 769FEF

■ 00144F

■ 92BAFF

■ 000537

■ AFD5FF

■ 000221

■ CDF2FF

■ 000005

■ EAFFFF

■ 000000

■ 0E549B

■ 0E549B

■ 004D9B

■ 1D5C9B

■ 2D649B

■ 3C6B9B

■ 4C739B

■ 5C7B9B

■ 6B839B

■ 7A8B9B

■ 8A929B

■ 9A9A9B

Harmonies

Analogous

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



005E97



0E549B



64458B

Triad

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



0E549B



8D3927



00633A

Complementary

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



0E549B



9B550E

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.



325E17



0E549B



784908

Square

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



0E549B



942F49



5A5600



00645F

Rectangle

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



0E549B



7E3978



5A5600



00622D

Sweetspot

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



0E549B



93AEC9



0E9B55



455666



E6E6E6



666666

Same Dimension

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



0E549B



0064C9



0E0E9B



45494D



00468C



00060D

Inverse Universe

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



9B0E54



C90064



9B9B0E



4D4549



8C0046



0D0006

Previews

White Background



This preview shows how the Hex color 0E549B 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

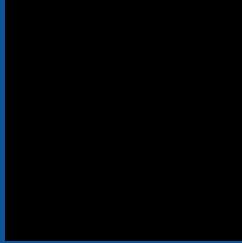
Any Text WCAG AA × Fail

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 0E549B Background



This preview shows how black text looks on a background with the Hex color 0E549B.



This preview shows how white text looks on a background with the Hex color 0E549B.

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



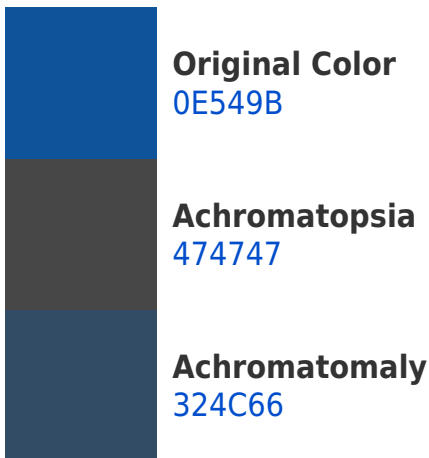


Tritanopia
005D63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0E549B 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 #0E549B looks like.

```
.text, #text, p{  
    color:#0E549B  
}
```

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 #0E549B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E549B
}
```

Border

The CSS property to change the border of an element to Hex 0E549B 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
#0E549B }
```

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

```
.border{ border-color:#0E549B }
```

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

Here you see how a box with a 4 pixel #0E549B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E549B; -webkit-box-shadow:4px 4px  
4px 4px #0E549B; box-shadow:4px 4px 4px  
4px #0E549B }
```

Background

The CSS property to change the background color of an element to Hex 0E549B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E549B }
```

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

```
.background{ background-color:#0E549B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor