

# Converting Colors

Hex(0E4D90)

Have a look what the booklet for  
Hex(0E4D90) contains.

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# Color

**Hex(0E4D90)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0E4D90
RGB	14, 77, 144
RGB Percent	5%, 30%, 56%
CMY	0.9451, 0.6980, 0.4353
CMYK	0.90, 0.47, 0.00, 0.44
HSL	211°, 82%, 31%
HSV	211°, 90%, 56%
XYZ	7.8690, 7.4147, 27.4020
YIQ	65.8010, -59.0550, 7.4810

# Conversions

## Conversions Part 2

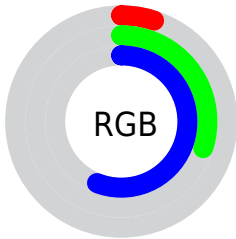
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 56, 144
Decimal	937360
CIELab	32.73, 7.86, -42.25
CIELCh	33, 42.974, 280.544
Yxy	7.4147, 0.1843, 0.1737
Android (android.graphics.Color)	4279127440 (0xFF0E4D90)
YUV	65.8010, 38.5521, -45.4295
Hunter-Lab	27.2300, 3.9310, -40.6035

# Details

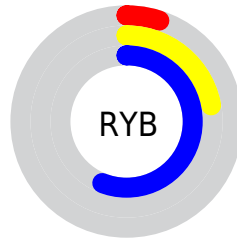
The Hex color **0E4D90** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **90510E**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **557DC6**, and **00225D** is the 20% darker color. If you saturate the color by 10%, you get **004690**, and if you desaturate by 10%, it is **1C5490**.

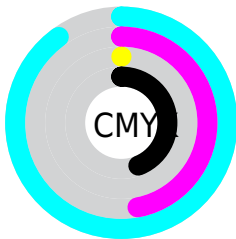
# Distribution



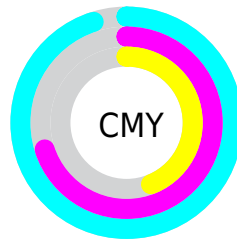
- Red (5%)
- Green (30%)
- Blue (56%)



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



- Cyan (90%)
- Magenta (47%)
- Yellow (0%)
- Black (44%)



- Cyan (95%)
- Magenta (70%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E4D90 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 0E4D90 by changing the saturation by 10% instead.



 0E4D90

 0E4D90

FFFFFF

 003776

 557DC6

 00225D

 7297E3

 000B45

 8EB2FF

 00042E

 ABCDFF

 000118

 C8E9FF

 000000

 E5FFFF

 0E4D90

 0E4D90

 004690

 1C5490

■ 2B5C90

■ 396390

■ 486B90

■ 567290

■ 647A90

■ 738190

■ 818890

■ 909090

# Harmonies

## Analogous

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



00578D



0E4D90



5D3E81

# Triad

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



0E4D90



833422



005B35

# Complementary

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



0E4D90



90510E

# 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.



2C5714



0E4D90



6F4305

# Square

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



0E4D90



892A42



524F00



005D58

# Rectangle

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



0E4D90



76346F



524F00



005A2A



# Sweetspot

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



0E4D90



88A0BA



0E904F



404F5E



DEDEDE



5E5E5E



# Same Dimension

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



0E4D90



005ABA



0E0E90



404447



004187



000408



# Inverse Universe

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



900E4D



BA005A



90900E



474044



870041



080004



# Previews

## White Background



This preview shows how the Hex color 0E4D90 looks on a white background.

## Color Contrast Check

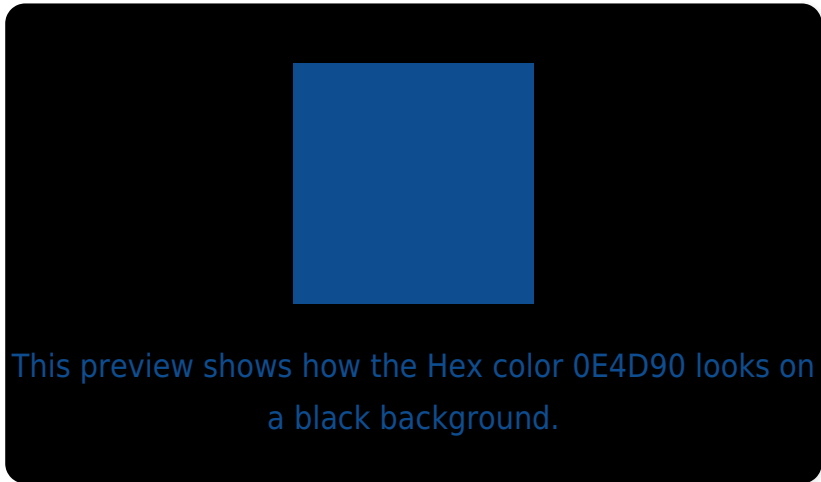
Large Text (above 18pt) WCAG AA ✓ Pass

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 0E4D90 Background



This preview shows how black text looks on a background with the Hex color 0E4D90.



This preview shows how white text looks on a background with the Hex color 0E4D90.

# 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**  
00565B

# Trichromacy



**Original Color**  
0E4D90

**Protanomaly**  
204C8F

**Deuteranomaly**  
054E8C

**Tritanomaly**  
05536E

# Monochromacy



**Original Color**  
0E4D90

**Achromatopsia**  
424242

**Achromatomaly**  
2F465E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E4D90 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 #0E4D90 looks like.

```
.text, #text, p{  
    color:#0E4D90  
}
```

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 #0E4D90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E4D90
}
```

## Border

The CSS property to change the border of an element to Hex 0E4D90 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
#0E4D90 }
```

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

```
.border{ border-color:#0E4D90 }
```

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

Here you see how a box with a 4 pixel #0E4D90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E4D90; -webkit-box-shadow:4px 4px  
4px 4px #0E4D90; box-shadow:4px 4px 4px  
4px #0E4D90 }
```

# Background

The CSS property to change the background color of an element to Hex 0E4D90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E4D90 }
```

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

```
.background{ background-color:#0E4D90 }
```

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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