

Converting Colors

Hex(0E246A)

Have a look what the booklet for
Hex(0E246A) contains.

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Color

Hex(0E246A)

Conversions

Conversions Part 1

Format	Color
Hex	0E246A
RGB	14, 36, 106
RGB Percent	5%, 14%, 42%
CMY	0.9451, 0.8588, 0.5843
CMYK	0.87, 0.66, 0.00, 0.58
HSL	226°, 77%, 24%
HSV	226°, 87%, 42%
XYZ	3.4135, 2.3957, 13.9182
YIQ	37.4020, -35.5820, 17.1060

Conversions

Conversions Part 2

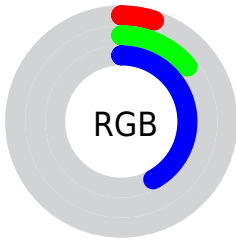
Format	Color
R_{YB}	14, 32, 106
Decimal	926826
CIE _{Lab}	17.44, 20.83, -43.09
CIE _{LCh}	17, 47.861, 295.793
Yxy	2.3957, 0.1730, 0.1214
Android (android.graphics.Color)	4279116906 (0xFF0E246A)
YUV	37.4020, 33.8188, -20.5236
Hunter-Lab	15.4781, 12.2791, -42.4799

Details

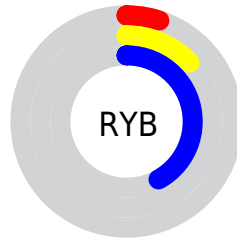
The Hex color **0E246A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6A540E**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **4C509E**, and **00003A** is the 20% darker color. If you saturate the color by 10%, you get **031C6A**, and if you desaturate by 10%, it is **192C6A**.

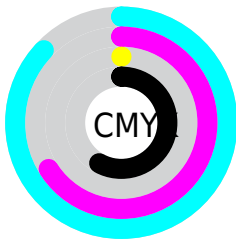
Distribution



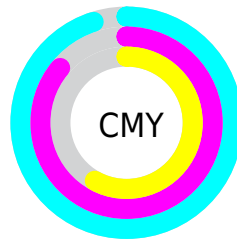
- Red (5%)
- Green (14%)
- Blue (42%)



- Red (5%)
- Yellow (13%)
- Blue (42%)



- Cyan (87%)
- Magenta (66%)
- Yellow (0%)
- Black (58%)



- Cyan (95%)
- Magenta (86%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E246A 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 0E246A by changing the saturation by 10% instead.

■ 0E246A

■ 0E246A

FFFFFF

■ 001151

■ 4C509E

■ 00003A

■ 6768B9

■ 000223

■ 8281D5

■ 00000A

■ 9E9BF2

■ 000000

■ BAB6FF

■ D7D2FF

■ F4EEFF

■ 0E246A

■ 0E246A

■ 031C6A

■ 192C6A

■ 00196A

■ 23346A

■ 2E3C6A

■ 38446A

■ 434C6A

■ 4E546A

■ 585C6A

■ 63656A

■ 6D6D6A

Harmonies

Analogous

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



003171



0E246A



4D0952

Triad

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



0E246A



531600



003825

Complementary

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



0E246A



6A540E

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.



003600



0E246A



3A2800

Square

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



0E246A



62000F



183100



003848

Rectangle

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



0E246A



5E003D



183100



003718

Sweetspot

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



0E246A



666E8A



0E6A53



303545



C4C4C4



454545

Same Dimension

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



0E246A



00218A



250E6A



303136



001C75



003BF5

Inverse Universe

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



6A0E24



8A0021



536A0E



363031



75001C



F5003B

Previews

White Background



This preview shows how the Hex color 0E246A looks on a white background.

Color Contrast Check

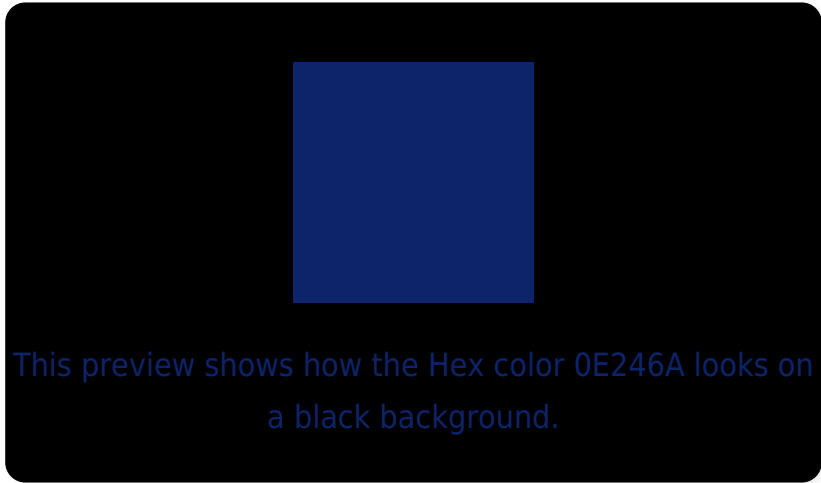
Large Text (above 18pt) WCAG AA ✓ Pass

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

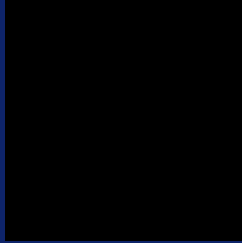
Any Text WCAG AA × Fail

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 0E246A Background



This preview shows how black text looks on a background with the Hex color 0E246A.



This preview shows how white text looks on a background with the Hex color 0E246A.

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
0E246A

Protanopia
002A58

Deuteranopia
002D4C

Trichromacy



Original Color
0E246A

Protanomaly
05285F

Deuteranomaly
052A57

Tritanomaly
052C47

Monochromacy



Original Color
0E246A

Achromatopsia
252525

Achromatomaly
1D253E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E246A 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 #0E246A looks like.

```
.text, #text, p{  
    color:#0E246A  
}
```

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 #0E246A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E246A
}
```

Border

The CSS property to change the border of an element to Hex 0E246A 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
#0E246A }
```

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

```
.border{ border-color:#0E246A }
```

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

Here you see how a box with a 4 pixel #0E246A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E246A; -webkit-box-shadow:4px 4px  
4px 4px #0E246A; box-shadow:4px 4px 4px  
4px #0E246A }
```

Background

The CSS property to change the background color of an element to Hex 0E246A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E246A }
```

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

```
.background{ background-color:#0E246A }
```

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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