

Converting Colors

Hex(0E2F88)

Have a look what the booklet for
Hex(0E2F88) contains.

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Color

Hex(0E2F88)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0E2F88 |
| RGB | 14, 47, 136 |
| RGB Percent | 5%, 18%, 53% |
| CMY | 0.9451, 0.8157, 0.4667 |
| CMYK | 0.90, 0.65, 0.00, 0.47 |
| HSL | 224°, 81%, 29% |
| HSV | 224°, 90%, 53% |
| XYZ | 5.6416, 3.9040, 23.7487 |
| YIQ | 47.2790, -48.2370, 20.6830 |

Conversions

Conversions Part 2

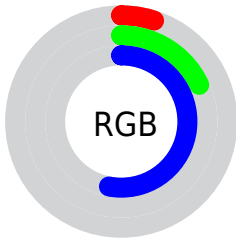
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 14, 40, 136 |
| Decimal | 929672 |
| CIE _{Lab} | 23.35, 25.42, -52.54 |
| CIE _{LCh} | 23, 58.370, 295.819 |
| Yxy | 3.9040, 0.1694, 0.1173 |
| Android (android.graphics.Color) | 4279119752 (0xFF0E2F88) |
| YUV | 47.2790, 43.7395, -29.1857 |
| Hunter-Lab | 19.7585, 16.3891, -57.4329 |

Details

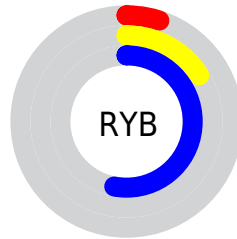
The Hex color **0E2F88** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **88670E**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **555DBE**, and **000355** is the 20% darker color. If you saturate the color by 10%, you get **002588**, and if you desaturate by 10%, it is **1C3988**.

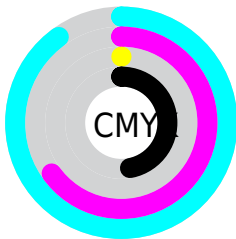
Distribution



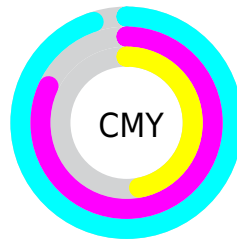
- Red (5%)
- Green (18%)
- Blue (53%)



- Red (5%)
- Yellow (16%)
- Blue (53%)



- Cyan (90%)
- Magenta (65%)
- Yellow (0%)
- Black (47%)



- Cyan (95%)
- Magenta (82%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E2F88 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 0E2F88 by changing the saturation by 10% instead.



0E2F88



0E2F88

FFFFFF



001B6E



555DBE



000355



7175DA



00063D



8E8FF7



000326



AAA9FF



00010F



C7C4FF



000000



E5E0FF



FFFDFF



0E2F88



0E2F88

■ 002588

■ 1C3988

■ 294388

■ 374D88

■ 445788

■ 526188

■ 606B88

■ 6D7488

■ 7B7E88

■ 888888

Harmonies

Analogous

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



004091



0E2F88



63096A

Triad

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



0E2F88



6A1D00



004830

Complementary

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



0E2F88



88670E

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.



004500



0E2F88



4B3400

Square

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



0E2F88



7D0015



1F4000



00495D

Rectangle

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



0E2F88



78004E



1F4000



004720

Sweetspot

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



0E2F88



808DB0



0E8865



3D4459



D9D9D9



595959

Same Dimension

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



0E2F88



0030B0



280E88



3E4045



002485



000105

Inverse Universe

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



880E2F



B00030



6E880E



453E40



850024



050001

Previews

White Background



This preview shows how the Hex color 0E2F88 looks on a white background.

Color Contrast Check

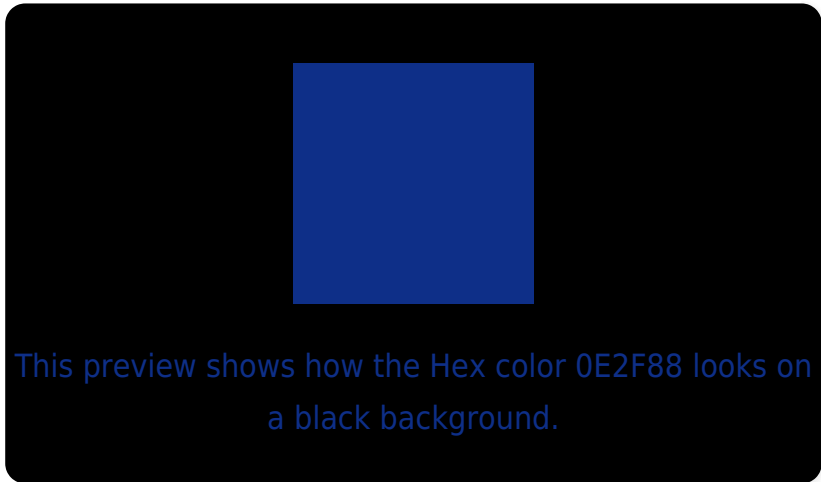
Large Text (above 18pt) WCAG AA ✓ Pass

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

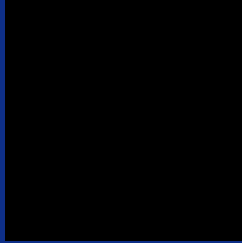
Any Text WCAG AA × Fail

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 0E2F88 Background



This preview shows how black text looks on a background with the Hex color 0E2F88.

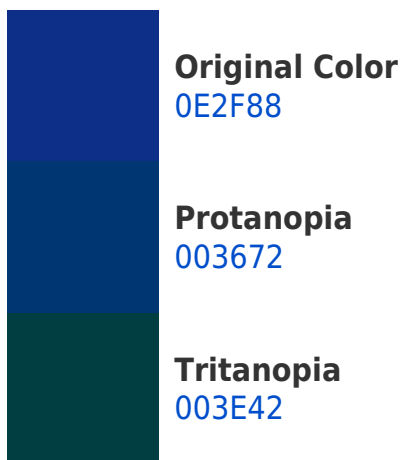


This preview shows how white text looks on a background with the Hex color 0E2F88.

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



Trichromacy



Original Color
0E2F88

Protanomaly
05337A

Tritanomaly
05395B

Monochromacy



Original Color
0E2F88

Achromatopsia
2F2F2F

Achromatomaly
232F4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E2F88 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 #0E2F88 looks like.

```
.text, #text, p{  
    color:#0E2F88  
}
```

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 #0E2F88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E2F88  
}
```

Border

The CSS property to change the border of an element to Hex 0E2F88 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  
#0E2F88 }
```

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

```
.border{ border-color:#0E2F88 }
```

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

Here you see how a box with a 4 pixel #0E2F88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E2F88; -webkit-box-shadow:4px 4px  
4px 4px #0E2F88; box-shadow:4px 4px 4px  
4px #0E2F88 }
```

Background

The CSS property to change the background color of an element to Hex 0E2F88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E2F88 }
```

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

```
.background{ background-color:#0E2F88 }
```

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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