

Converting Colors

Hex(0E2333)

Have a look what the booklet for
Hex(0E2333) contains.

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Color

Hex(0E2333)

Conversions

Conversions Part 1

Format	Color
Hex	0E2333
RGB	14, 35, 51
RGB Percent	5%, 14%, 20%
CMY	0.9451, 0.8627, 0.8000
CMYK	0.73, 0.31, 0.00, 0.80
HSL	206°, 57%, 13%
HSV	206°, 73%, 20%
XYZ	1.3797, 1.5344, 3.3554
YIQ	30.5450, -17.6520, 0.5240

Conversions

Conversions Part 2

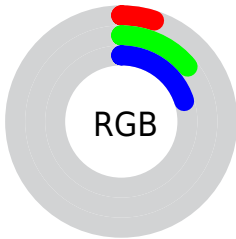
Format	Color
R_{YB}	14, 27, 51
Decimal	926515
CIE Lab	12.83, -2.28, -13.00
CIE LCh	13, 13.203, 260.063
Yxy	1.5344, 0.2201, 0.2447
Android (android.graphics.Color)	4279116595 (0xFF0E2333)
YUV	30.5450, 10.0843, -14.5100
Hunter-Lab	12.3873, -1.7966, -7.3892

Details

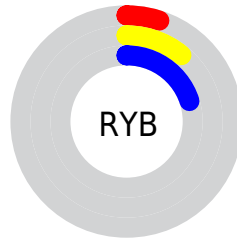
The Hex color **0E2333** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **331E0E**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **3C4F61**, and **000002** is the 20% darker color. If you saturate the color by 10%, you get **092133**, and if you desaturate by 10%, it is **132533**.

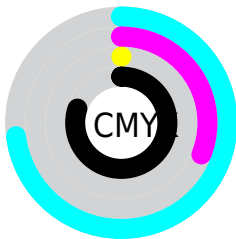
Distribution



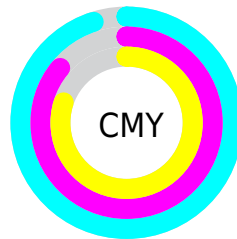
- Red (5%)
- Green (14%)
- Blue (20%)



- Red (5%)
- Yellow (11%)
- Blue (20%)



- Cyan (73%)
- Magenta (31%)
- Yellow (0%)
- Black (80%)



- Cyan (95%)
- Magenta (86%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E2333 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 0E2333 by changing the saturation by 10% instead.

■ 0E2333

■ 0E2333

■ F5FFFF

■ 000D1E

■ 3C4F61

■ 000002

■ 54677A

■ 000000

■ 6D8094

■ 879AAF

■ A1B5CA

■ BCD1E6

■ D8EDFF

■ 0E2333

■ 0E2333

■ 092133

■ 132533

■ 041F33

■ 182733

■ 001D33

■ 1D2A33

■ 222C33

■ 282E33

■ 2D3033

■ 323233

■ 373533

■ 3C3733

Harmonies

Analogous

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



00252F



0E2333



1E2032

Triad

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



0E2333



331A1B



162515

Complementary

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



0E2333



331E0E

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.



21230F



0E2333



301C13

Square

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



0E2333



311A25



2A200E



0A261E

Rectangle

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



0E2333



261E2F



2A200E



1A2413

Sweetspot

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



0E2333



343C42



0E331D



191D21



A1A1A1



212121

Same Dimension

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



0E2333



092942



0E1133



17181A



003359



007BD9

Inverse Universe

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



330E23



420929



33300E



1A1718



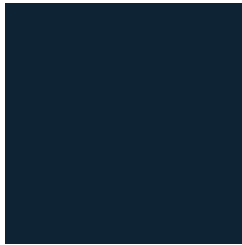
590033



D9007B

Previews

White Background



This preview shows how the Hex color 0E2333 looks on a white background.

Color Contrast Check

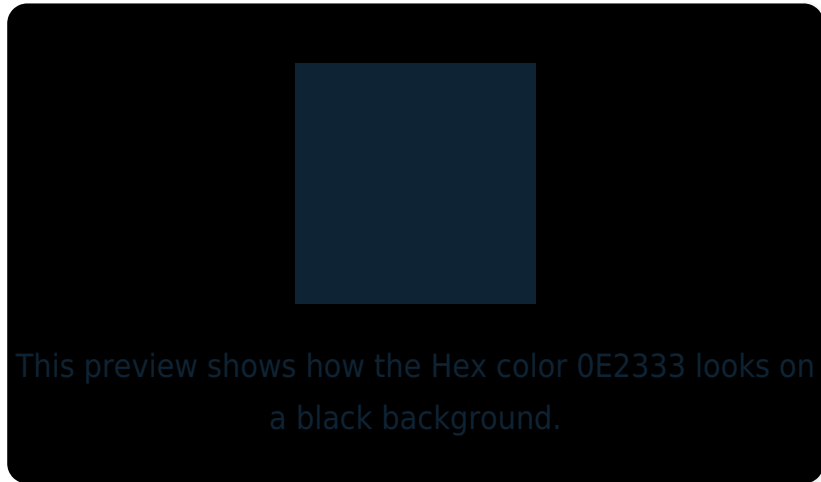
Large Text (above 18pt) WCAG AA ✓ Pass

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

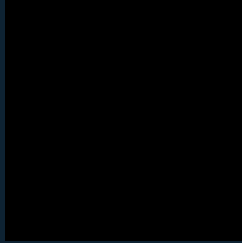
Any Text WCAG AA × Fail

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 0E2333 Background



This preview shows how black text looks on a background with the Hex color 0E2333.



This preview shows how white text looks on a background with the Hex color 0E2333.

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
0E2333

Protanopia
1C2131

Deuteranopia
182133

Trichromacy



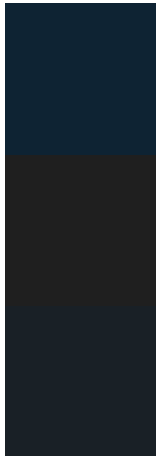
Original Color
0E2333

Protanomaly
172232

Deuteranomaly
142233

Tritanomaly
05242C

Monochromacy



Original Color
0E2333

Achromatopsia
1F1F1F

Achromatomaly
192026

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E2333 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 #0E2333 looks like.

```
.text, #text, p{  
    color:#0E2333  
}
```

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 #0E2333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E2333
}
```

Border

The CSS property to change the border of an element to Hex 0E2333 is called "border". The border property can be set on classes, ids or directly on the HTML element.

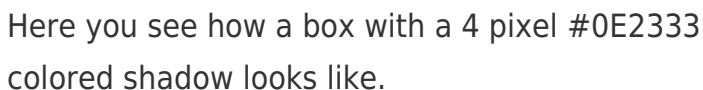
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0E2333 }
```

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

```
.border{ border-color:#0E2333 }
```

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



Here you see how a box with a 4 pixel #0E2333 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E2333; -webkit-box-shadow:4px 4px  
4px 4px #0E2333; box-shadow:4px 4px 4px  
4px #0E2333 }
```

Background

The CSS property to change the background color of an element to Hex 0E2333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E2333 }
```

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

```
.background{ background-color:#0E2333 }
```

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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