

Converting Colors

Hex(0E2B57)

Have a look what the booklet for
Hex(0E2B57) contains.

Hex(0E2B57)	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(0E2B57)

Conversions

Conversions Part 1

Format	Color
Hex	0E2B57
RGB	14, 43, 87
RGB Percent	5%, 17%, 34%
CMY	0.9451, 0.8314, 0.6588
CMYK	0.84, 0.51, 0.00, 0.66
HSL	216°, 72%, 20%
HSV	216°, 84%, 34%
XYZ	2.7653, 2.5092, 9.3554
YIQ	39.3450, -31.4080, 7.5360

Conversions

Conversions Part 2

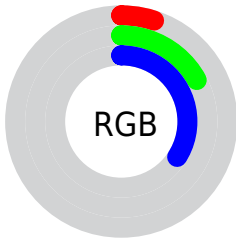
Format	Color
R_{YB}	14, 35, 87
Decimal	928599
CIE _{Lab}	17.96, 7.40, -29.70
CIE _{LCh}	18, 30.609, 283.991
Yxy	2.5092, 0.1890, 0.1715
Android (android.graphics.Color)	4279118679 (0xFF0E2B57)
YUV	39.3450, 23.4939, -22.2276
Hunter-Lab	15.8406, 3.4397, -23.9282

Details

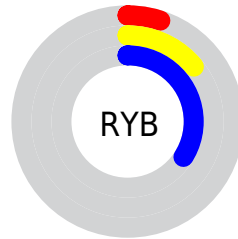
The Hex color **0E2B57** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **573A0E**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **465889**, and **000329** is the 20% darker color. If you saturate the color by 10%, you get **052657**, and if you desaturate by 10%, it is **173057**.

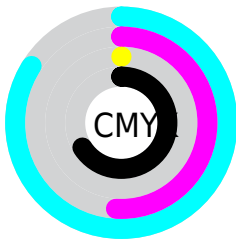
Distribution



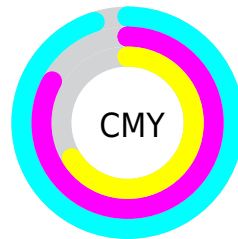
- Red (5%)
- Green (17%)
- Blue (34%)



- Red (5%)
- Yellow (14%)
- Blue (34%)



- Cyan (84%)
- Magenta (51%)
- Yellow (0%)
- Black (66%)



- Cyan (95%)
- Magenta (83%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E2B57 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 0E2B57 by changing the saturation by 10% instead.

■ 0E2B57

■ 0E2B57

FFFFFF

■ 00173F

■ 465889

■ 000329

■ 5F70A4

■ 000113

■ 7A8ABF

■ 000000

■ 94A4DB

■ B0BFF8

■ CCDBFF

■ E9F7FF

■ 0E2B57

■ 0E2B57

■ 052657

■ 173057

■ 002357

■ 1F3557

■ 283B57

■ 314057

■ 3A4557

■ 424A57

■ 4B5057

■ 545557

■ 5C5A57

Harmonies

Analogous

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



003256



0E2B57



3A214C

Triad

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



0E2B57



4E1D0D



00351F

Complementary

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



0E2B57



573A0E

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.



133308



0E2B57



412600

Square

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



0E2B57



531523



2E2E00



003636

Rectangle

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



0E2B57



481A40



2E2E00



003517

Sweetspot

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



0E2B57



545F70



0E573A



272E38



B8B8B8



383838

Same Dimension

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



0E2B57



002D70



150E57



27292B



002B6B



005DEB

Inverse Universe

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



570E2B



70002D



50570E



2B2729



6B002B



EB005D

Previews

White Background



This preview shows how the Hex color 0E2B57 looks on a white background.

Color Contrast Check

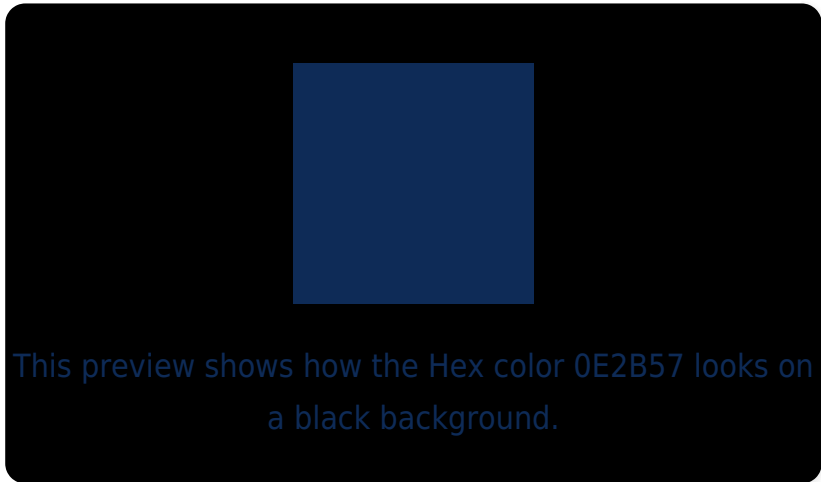
Large Text (above 18pt) WCAG AA ✓ Pass

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

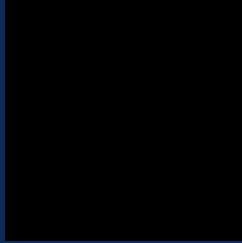
Any Text WCAG AA × Fail

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 0E2B57 Background



This preview shows how black text looks on a background with the Hex color 0E2B57.



This preview shows how white text looks on a background with the Hex color 0E2B57.

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
0E2B57

Protanopia
112B57

Deuteranopia
002D4F

Trichromacy



Original Color
0E2B57

Protanomaly
102B57

Deuteranomaly
052C52

Tritanomaly
052F41

Monochromacy



Original Color
0E2B57

Achromatopsia
272727

Achromatomaly
1E2838

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E2B57 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 #0E2B57 looks like.

```
.text, #text, p{  
    color:#0E2B57  
}
```

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 #0E2B57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E2B57  
}
```

Border

The CSS property to change the border of an element to Hex 0E2B57 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  
#0E2B57 }
```

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

```
.border{ border-color:#0E2B57 }
```

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

Here you see how a box with a 4 pixel #0E2B57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E2B57; -webkit-box-shadow:4px 4px  
4px 4px #0E2B57; box-shadow:4px 4px 4px  
4px #0E2B57 }
```

Background

The CSS property to change the background color of an element to Hex 0E2B57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E2B57 }
```

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

```
.background{ background-color:#0E2B57 }
```

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