

Converting Colors

Hex(0E2254)

Have a look what the booklet for
Hex(0E2254) contains.

Hex(0E2254)	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(0E2254)

Conversions

Conversions Part 1

Format	Color
Hex	0E2254
RGB	14, 34, 84
RGB Percent	5%, 13%, 33%
CMY	0.9451, 0.8667, 0.6706
CMYK	0.83, 0.60, 0.00, 0.67
HSL	223°, 71%, 19%
HSV	223°, 83%, 33%
XYZ	2.3534, 1.8775, 8.6259
YIQ	33.7200, -27.9700, 11.3100

Conversions

Conversions Part 2

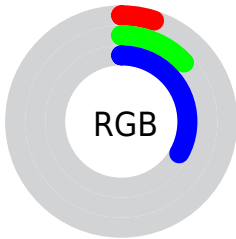
Format	Color
R_{YB}	14, 30, 84
Decimal	926292
CIE _{Lab}	14.83, 12.84, -32.74
CIE _{LCh}	15, 35.168, 291.414
Yxy	1.8775, 0.1830, 0.1460
Android (android.graphics.Color)	4279116372 (0xFF0E2254)
YUV	33.7200, 24.7880, -17.2944
Hunter-Lab	13.7022, 6.6786, -27.7328

Details

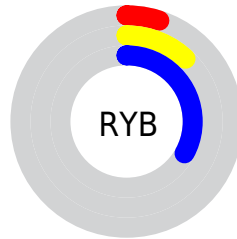
The Hex color **0E2254** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **54400E**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **454E86**, and **000326** is the 20% darker color. If you saturate the color by 10%, you get **061C54**, and if you desaturate by 10%, it is **162854**.

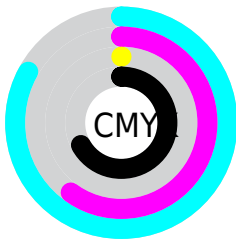
Distribution



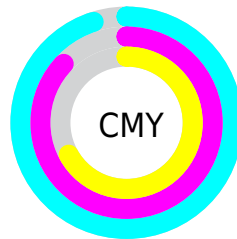
- Red (5%)
- Green (13%)
- Blue (33%)



- Red (5%)
- Yellow (12%)
- Blue (33%)



- Cyan (83%)
- Magenta (60%)
- Yellow (0%)
- Black (67%)



- Cyan (95%)
- Magenta (87%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E2254 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 0E2254 by changing the saturation by 10% instead.

■ 0E2254

■ 0E2254

FFFFFF

■ 000D3D

■ 454E86

■ 000326

■ 5F66A1

■ 00010F

■ 797FBC

■ 000000

■ 9498D8

■ AFB3F4

■ CBCFFF

■ E8EBFF

■ 0E2254

■ 0E2254

■ 061C54

■ 162854

■ 001854

■ 1F2E54

■ 273454

■ 303A54

■ 384054

■ 404654

■ 494C54

■ 515254

■ 5A5854

Harmonies

Analogous

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



002B57



0E2254



3B1445

Triad

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



0E2254



471600



002F1D

Complementary

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



0E2254



54400E

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.



002D00



0E2254



352200

Square

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



0E2254



4F0715



1F2900



003037

Rectangle

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



0E2254



490A36



1F2900



002F14

Sweetspot

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



0E2254



525A6E



0E543F



272C38



B8B8B8



383838

Same Dimension

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



0E2254



001F6E



1C0E54



252629



001E69



0042E8

Inverse Universe

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



540E22



6E001F



46540E



292526



69001E



E80042

Previews

White Background



This preview shows how the Hex color 0E2254 looks on a white background.

Color Contrast Check

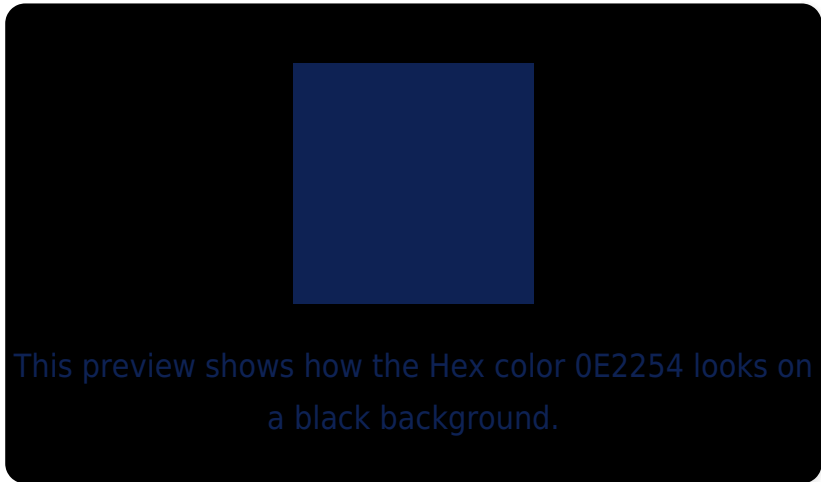
Large Text (above 18pt) WCAG AA ✓ Pass

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

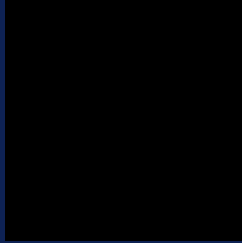
Any Text WCAG AA × Fail

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 0E2254 Background



This preview shows how black text looks on a background with the Hex color 0E2254.



This preview shows how white text looks on a background with the Hex color 0E2254.

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

0E2254

Protanopia

00244D

Deuteranopia

002742

Trichromacy



Original Color
0E2254

Protanomaly
052350

Deuteranomaly
052549

Tritanomaly
05273B

Monochromacy



Original Color
0E2254

Achromatopsia
222222

Achromatomaly
1B2234

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E2254 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 #0E2254 looks like.

```
.text, #text, p{  
    color:#0E2254  
}
```

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 #0E2254 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E2254
}
```

Border

The CSS property to change the border of an element to Hex 0E2254 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
#0E2254 }
```

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

```
.border{ border-color:#0E2254 }
```

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

Here you see how a box with a 4 pixel #0E2254 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E2254; -webkit-box-shadow:4px 4px  
4px 4px #0E2254; box-shadow:4px 4px 4px  
4px #0E2254 }
```

Background

The CSS property to change the background color of an element to Hex 0E2254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E2254 }
```

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

```
.background{ background-color:#0E2254 }
```

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