

Converting Colors

Hex(0E3222)

Have a look what the booklet for
Hex(0E3222) contains.

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Color

Hex(0E3222)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 0E3222 |
| RGB | 14, 50, 34 |
| RGB Percent | 5%, 20%, 13% |
| CMY | 0.9451, 0.8039, 0.8667 |
| CMYK | 0.72, 0.00, 0.32, 0.80 |
| HSL | 153°, 56%, 13% |
| HSV | 153°, 72%, 20% |
| XYZ | 1.6104, 2.4901, 1.9091 |
| YIQ | 37.4120, -16.3200, -12.6080 |

Conversions

Conversions Part 2

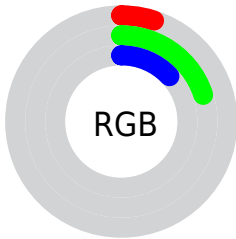
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 14, 37, 50 |
| Decimal | 930338 |
| CIE _{Lab} | 17.87, -17.59, 6.44 |
| CIE _{LCh} | 18, 18.729, 159.873 |
| Yxy | 2.4901, 0.2680, 0.4143 |
| Android (android.graphics.Color) | 4279120418 (0xFF0E3222) |
| YUV | 37.4120, -1.6821, -20.5323 |
| Hunter-Lab | 15.7799, -9.3978, 3.8728 |

Details

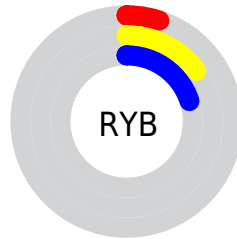
The Hex color **0E3222** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **320E1E**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **3C614E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **093220**, and if you desaturate by 10%, it is **133224**.

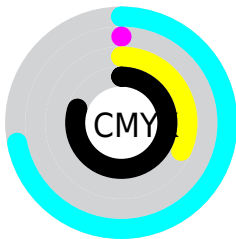
Distribution



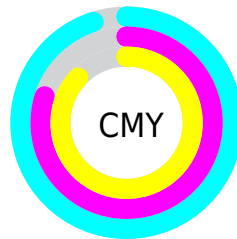
- Red (5%)
- Green (20%)
- Blue (13%)



- Red (5%)
- Yellow (15%)
- Blue (20%)



- Cyan (72%)
- Magenta (0%)
- Yellow (32%)
- Black (80%)



- Cyan (95%)
- Magenta (80%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E3222 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 0E3222 by changing the saturation by 10% instead.

 0E3222

 0E3222

 F5FFFF

 001E0C

 3C614E

 000000

 547A66

 6D937F

 87AE99

 A2CAB4

 BDE6D0

 D9FFEC

 0E3222

 0E3222

■ 093220

■ 133224

■ 04321E

■ 183226

■ 00321C

■ 1D3229

■ 22322B

■ 27322D

■ 2C322F

■ 313232

■ 363234

■ 3B3236

Harmonies

Analogous

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



213016



0E3222



003330

Triad

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



0E3222



1E2C46



43231B

Complementary

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



0E3222



320E1E

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.



452128



0E3222



332640

Square

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



0E3222



003045



402235



3B2812

Rectangle

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



0E3222



003239



402235



45221F

Sweetspot

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



0E3222



32403A



1E320E



19211D



A1A1A1



212121

Same Dimension

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



0E3222



094027



0E3032



171A18



005932



00D978

Inverse Universe

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



320E1E



400921



32100E



1A1718



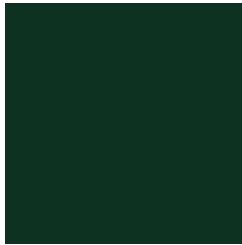
590028



D90060

Previews

White Background



This preview shows how the Hex color 0E3222 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

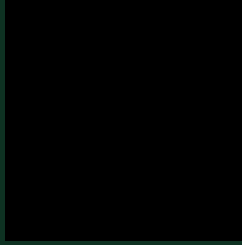
Any Text WCAG AA × Fail

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 0E3222 Background



This preview shows how black text looks on a background with the Hex color 0E3222.



This preview shows how white text looks on a background with the Hex color 0E3222.

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](#).

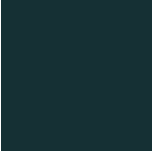
Dichromacy



Original Color
0E3222

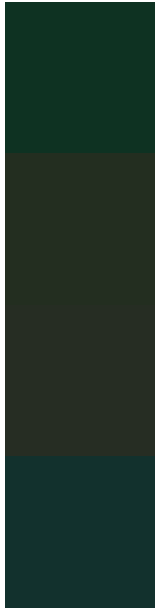
Protanopia
2F2C1F

Deuteranopia
332A24



Tritanopia
153034

Trichromacy



Original Color
0E3222

Protanomaly
232E20

Deuteranomaly
262D23

Tritanomaly
12312D

Monochromacy



Original Color
0E3222

Achromatopsia
252525

Achromatomaly
1D2A24

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E3222 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 #0E3222 looks like.

```
.text, #text, p{  
    color:#0E3222  
}
```

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 #0E3222 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E3222
}
```

Border

The CSS property to change the border of an element to Hex 0E3222 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".

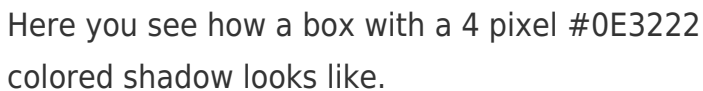
```
.border, #border, table{ border:4px solid
#0E3222 }
```

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

```
.border{ border-color:#0E3222 }
```

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

Here you see how a box with a 4 pixel #0E3222 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E3222; -webkit-box-shadow:4px 4px  
4px 4px #0E3222; box-shadow:4px 4px 4px  
4px #0E3222 }
```

Background

The CSS property to change the background color of an element to Hex 0E3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E3222 }
```

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

```
.background{ background-color:#0E3222 }
```

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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