

# Converting Colors

Hex(0E3334)

Have a look what the booklet for  
Hex(0E3334) contains.

|  |    |
|--|----|
| <b>Hex(0E3334)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

Hex(0E3334)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 0E3334                     |
| RGB         | 14, 51, 52                 |
| RGB Percent | 5%, 20%, 20%               |
| CMY         | 0.9451, 0.8000, 0.7961     |
| CMYK        | 0.73, 0.02, 0.00, 0.80     |
| HSL         | 182°, 58%, 13%             |
| HSV         | 182°, 73%, 20%             |
| XYZ         | 1.9848, 2.7089, 3.6671     |
| YIQ         | 40.0510, -22.3730, -7.5330 |

# Conversions

## Conversions Part 2

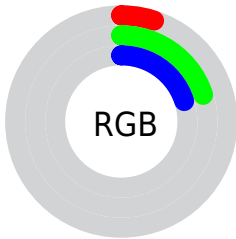
| Format                              | Color                        |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 14, 33, 52                   |
| Decimal                             | 930612                       |
| CIE <sub>Lab</sub>                  | 18.84, -12.48, -4.52         |
| CIE <sub>LCh</sub>                  | 19, 13.272, 199.918          |
| Yxy                                 | 2.7089, 0.2374,<br>0.3240    |
| Android<br>(android.graphics.Color) | 4279120692<br>(0xFF0E3334)   |
| YUV                                 | 40.0510, 5.8909,<br>-22.8467 |
| Hunter-Lab                          | 16.4589, -7.2779,<br>-1.6888 |

# Details

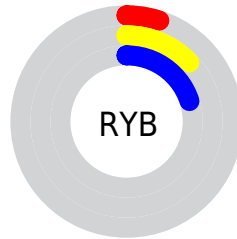
The Hex color **0E3334** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **340F0E**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **3E6262**, and **000006** is the 20% darker color. If you saturate the color by 10%, you get **093334**, and if you desaturate by 10%, it is **133334**.

# Distribution



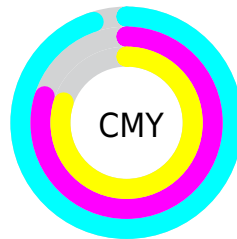
- Red (5%)
- Green (20%)
- Blue (20%)



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



- Cyan (73%)
- Magenta (2%)
- Yellow (0%)
- Black (80%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E3334 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 0E3334 by changing the saturation by 10% instead.



 0E3334

 0E3334

 F8FFFF

 001E1F

 3E6262

 000006

 567A7B

 000000

 6F9495

 89AFB0

 A4CACB

 C0E7E7

 DCFFFF

 0E3334

 0E3334

■ 093334

■ 133334

■ 043334

■ 183334

■ 003334

■ 1E3334

■ 233434

■ 283434

■ 2D3434

■ 323434

■ 383434

■ 3D3434

# Harmonies

## Analogous

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



17332A



0E3334



0F323C

# Triad

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



0E3334



37293A



372C1B

# Complementary

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



0E3334



340F0E

# 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.



3E291F



0E3334



3F2731

# Square

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



0E3334



2B2C40



412728



2E2F1C

# Rectangle

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



0E3334



173140



412728



3A2B1C



# Sweetspot

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



0E3334



364445



0E340F



1A2324



A3A3A3



242424



# Same Dimension

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



0E3334



084345



0E2034



17191A



005759



00D3D9



# Inverse Universe

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



340E33



450843



34220E



1A1719



590057

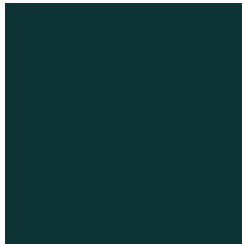


D900D3



# Previews

## White Background



This preview shows how the Hex color 0E3334 looks on a white background.

## Color Contrast Check

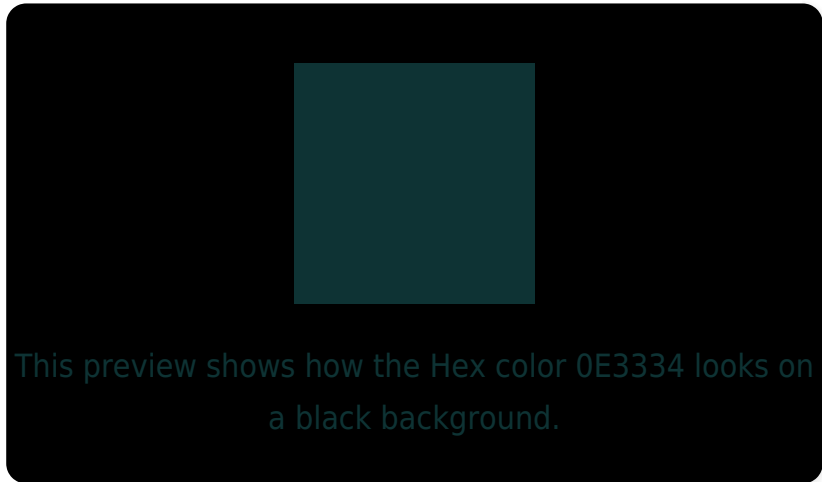
Large Text (above 18pt) WCAG AA ✓ Pass

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

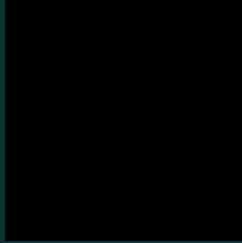
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0E3334 Background



This preview shows how black text looks on a background with the Hex color 0E3334.



This preview shows how white text looks on a background with the Hex color 0E3334.

# 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](#).

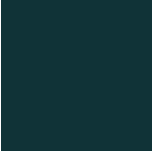
## Dichromacy



**Original Color**  
0E3334

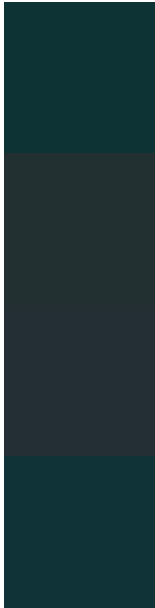
**Protanopia**  
2E2E31

**Deuteranopia**  
2F2D35



**Tritanopia**  
103337

# Trichromacy



**Original Color**  
0E3334

**Protanomaly**  
223032

**Deuteranomaly**  
232F35

**Tritanomaly**  
0F3336

# Monochromacy



**Original Color**  
0E3334

**Achromatopsia**  
282828

**Achromatomaly**  
1F2C2C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E3334 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 #0E3334 looks like.

```
.text, #text, p{  
    color:#0E3334  
}
```

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 #0E3334 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E3334
}
```

## Border

The CSS property to change the border of an element to Hex 0E3334 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
#0E3334 }
```

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

```
.border{ border-color:#0E3334 }
```

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

Here you see how a box with a 4 pixel #0E3334 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E3334; -webkit-box-shadow:4px 4px  
4px 4px #0E3334; box-shadow:4px 4px 4px  
4px #0E3334 }
```

# Background

The CSS property to change the background color of an element to Hex 0E3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E3334 }
```

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

```
.background{ background-color:#0E3334 }
```

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