

Converting Colors

Hex(0E4559)

Have a look what the booklet for
Hex(0E4559) contains.

Hex(0E4559)	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(0E4559)

Conversions

Conversions Part 1

Format	Color
Hex	0E4559
RGB	14, 69, 89
RGB Percent	5%, 27%, 35%
CMY	0.9451, 0.7294, 0.6510
CMYK	0.84, 0.22, 0.00, 0.65
HSL	196°, 73%, 20%
HSV	196°, 84%, 35%
XYZ	4.1124, 5.0709, 10.2132
YIQ	54.8350, -39.2000, -5.4400

Conversions

Conversions Part 2

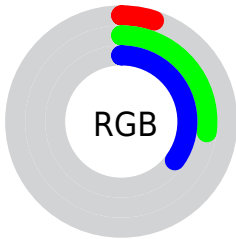
Format	Color
R_{YB}	14, 46, 89
Decimal	935257
CIE _{Lab}	26.94, -9.54, -16.85
CIE _{LCh}	27, 19.357, 240.485
Yxy	5.0709, 0.2120, 0.2614
Android (android.graphics.Color)	4279125337 (0xFF0E4559)
YUV	54.8350, 16.8433, -35.8123
Hunter-Lab	22.5186, -6.8095, -11.1277

Details

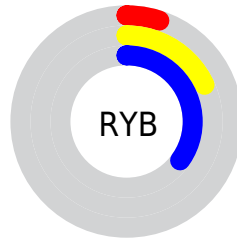
The Hex color **0E4559** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **59220E**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **47758B**, and **001A2B** is the 20% darker color. If you saturate the color by 10%, you get **054359**, and if you desaturate by 10%, it is **174759**.

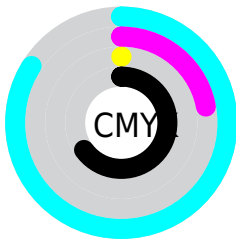
Distribution



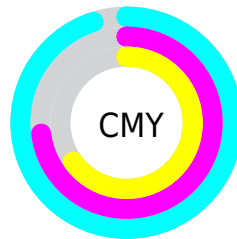
- Red (5%)
- Green (27%)
- Blue (35%)



- Red (5%)
- Yellow (18%)
- Blue (35%)



- Cyan (84%)
- Magenta (22%)
- Yellow (0%)
- Black (65%)



- Cyan (95%)
- Magenta (73%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E4559 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 0E4559 by changing the saturation by 10% instead.

0E4559

0E4559

FFFFFF

002F42

47758B

001A2B

618FA5

000117

7BA9C1

000000

96C5DC

B2E1F9

CEFDFF

EBFFFF

0E4559

0E4559

■ 054359

■ 174759

■ 004159

■ 204A59

■ 294C59

■ 324E59

■ 3A5159

■ 435359

■ 4C5659

■ 555859

■ 5E5A59

Harmonies

Analogous

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



00474E



0E4559



2A415D

Triad

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



0E4559



5B3440



3A4326

Complementary

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



0E4559



59220E

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.



493F22



0E4559



5C3531

Square

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



0E4559



52374E



553A26



284631

Rectangle

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



0E4559



3A3E5B



553A26



3F4223

Sweetspot

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



0E4559



566B73



0E5922



29363B



BABABA



3B3B3B

Same Dimension

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



0E4559



005473



0E2059



272A2B



004F6B



00ACEB

Inverse Universe

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



590E45



730054



59470E



2B272A



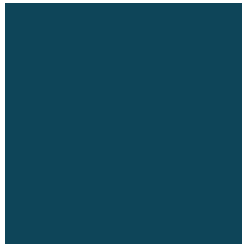
6B004F



EB00AC

Previews

White Background



This preview shows how the Hex color 0E4559 looks on a white background.

Color Contrast Check

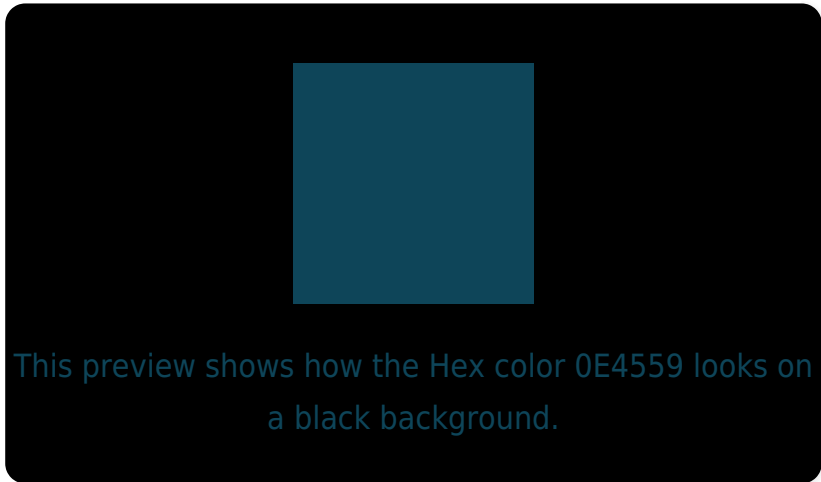
Large Text (above 18pt) WCAG AA ✓ Pass

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

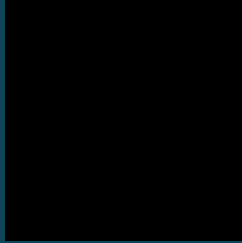
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

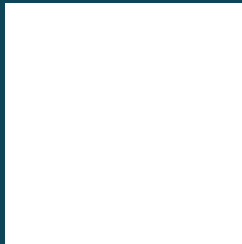
Any Text WCAG AAA × Fail

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

Hex 0E4559 Background



This preview shows how black text looks on a background with the Hex color 0E4559.



This preview shows how white text looks on a background with the Hex color 0E4559.

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
0E4559

Protanopia
3A3F54

Deuteranopia
363F5A



Tritanopia
00474C

Trichromacy



Original Color
0E4559

Protanomaly
2A4156

Deuteranomaly
27415A

Tritanomaly
054651

Monochromacy



Original Color
0E4559

Achromatopsia
373737

Achromatomaly
283C43

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E4559 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 #0E4559 looks like.

```
.text, #text, p{  
    color:#0E4559  
}
```

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 #0E4559 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E4559
}
```

Border

The CSS property to change the border of an element to Hex 0E4559 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
#0E4559 }
```

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

```
.border{ border-color:#0E4559 }
```

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

Here you see how a box with a 4 pixel #0E4559 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E4559; -webkit-box-shadow:4px 4px  
4px 4px #0E4559; box-shadow:4px 4px 4px  
4px #0E4559 }
```

Background

The CSS property to change the background color of an element to Hex 0E4559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E4559 }
```

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

```
.background{ background-color:#0E4559 }
```

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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