

Converting Colors

Hex(0E4664)

Have a look what the booklet for
Hex(0E4664) contains.

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Color

Hex(0E4664)

Conversions

Conversions Part 1

Format	Color
Hex	0E4664
RGB	14, 70, 100
RGB Percent	5%, 27%, 39%
CMY	0.9451, 0.7255, 0.6078
CMYK	0.86, 0.30, 0.00, 0.61
HSL	201°, 75%, 22%
HSV	201°, 86%, 39%
XYZ	4.6715, 5.3938, 12.8515
YIQ	56.6760, -43.0060, -2.5420

Conversions

Conversions Part 2

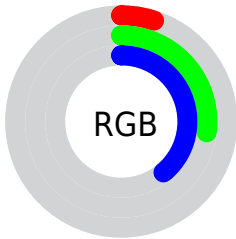
Format	Color
R_{YB}	14, 48, 100
Decimal	935524
CIE _{Lab}	27.83, -5.76, -22.54
CIE _{LCh}	28, 23.265, 255.654
Yxy	5.3938, 0.2038, 0.2354
Android (android.graphics.Color)	4279125604 (0xFF0E4664)
YUV	56.6760, 21.3587, -37.4269
Hunter-Lab	23.2245, -4.7384, -16.5515

Details

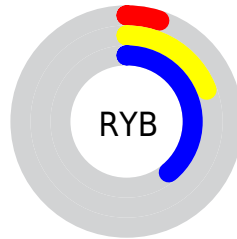
The Hex color **0E4664** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **642C0E**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **497697**, and **001B35** is the 20% darker color. If you saturate the color by 10%, you get **044364**, and if you desaturate by 10%, it is **184964**.

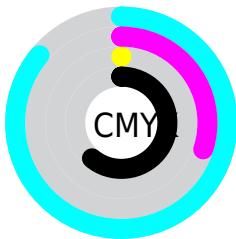
Distribution



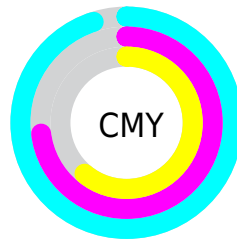
- Red (5%)
- Green (27%)
- Blue (39%)



- Red (5%)
- Yellow (19%)
- Blue (39%)



- Cyan (86%)
- Magenta (30%)
- Yellow (0%)
- Black (61%)



- Cyan (95%)
- Magenta (73%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E4664 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 0E4664 by changing the saturation by 10% instead.



0E4664



0E4664

FFFFFF



00304C



497697



001B35



6490B2



000220



7FAACD



000004



9AC5EA



000000



B6E1FF



D2FEFF



FFFFFF



0E4664



0E4664

■ 044364

■ 184964

■ 004164

■ 224D64

■ 2C5064

■ 365464

■ 405764

■ 4A5B64

■ 545E64

■ 5E6264

■ 686564

Harmonies

Analogous

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



004A5B



0E4664



364064

Triad

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



0E4664



643339



2F4828

Complementary

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



0E4664



642C0E

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.



44441E



0E4664



603729

Square

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



0E4664



5F344B



543E1F



154A38

Rectangle

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



0E4664



483C5F



543E1F



374724

Sweetspot

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



0E4664



607682



0E642B



2E3B42



C2C2C2



424242

Same Dimension

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



0E4664



005582



0E1C64



2E3133



004B73



009EF2

Inverse Universe

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



640E46



820055



64560E



332E31



73004B



F2009E

Previews

White Background



This preview shows how the Hex color 0E4664 looks on a white background.

Color Contrast Check

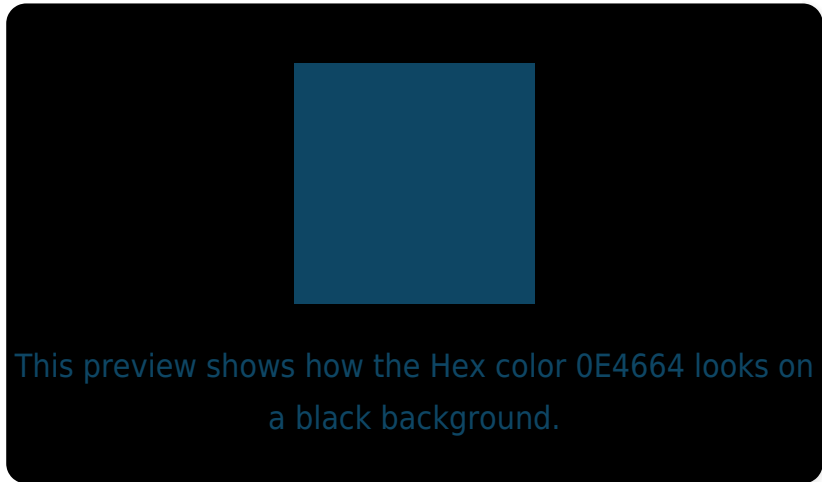
Large Text (above 18pt) WCAG AA ✓ Pass

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

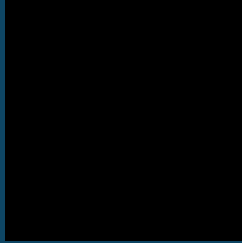
Any Text WCAG AA × Fail

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 0E4664 Background



This preview shows how black text looks on a background with the Hex color 0E4664.



This preview shows how white text looks on a background with the Hex color 0E4664.

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
0E4664

Protanopia
384160

Deuteranopia
304265



Tritanopia
00494F

Trichromacy



Original Color
0E4664

Protanomaly
294361

Deuteranomaly
244365

Tritanomaly
054857

Monochromacy



Original Color
0E4664

Achromatopsia
393939

Achromatomaly
293E49

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E4664 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 #0E4664 looks like.

```
.text, #text, p{  
    color:#0E4664  
}
```

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 #0E4664 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E4664
}
```

Border

The CSS property to change the border of an element to Hex 0E4664 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
#0E4664 }
```

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

```
.border{ border-color:#0E4664 }
```

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

Here you see how a box with a 4 pixel #0E4664 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E4664; -webkit-box-shadow:4px 4px  
4px 4px #0E4664; box-shadow:4px 4px 4px  
4px #0E4664 }
```

Background

The CSS property to change the background color of an element to Hex 0E4664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E4664 }
```

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

```
.background{ background-color:#0E4664 }
```

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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