

Converting Colors

Hex(0E6640)

Have a look what the booklet for
Hex(0E6640) contains.

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Color

Hex(0E6640)

Conversions

Conversions Part 1

Format	Color
Hex	0E6640
RGB	14, 102, 64
RGB Percent	5%, 40%, 25%
CMY	0.9451, 0.6000, 0.7490
CMYK	0.86, 0.00, 0.37, 0.60
HSL	154°, 76%, 23%
HSV	154°, 86%, 40%
XYZ	5.8579, 9.9663, 6.4654
YIQ	71.3560, -40.2500, -30.4740

Conversions

Conversions Part 2

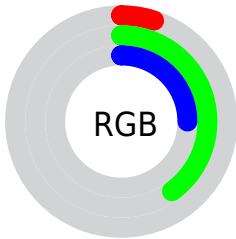
Format	Color
RYB	14, 70, 102
Decimal	943680
CIELab	37.78, -34.32, 14.70
CIELCh	38, 37.333, 156.810
Yxy	9.9663, 0.2628, 0.4471
Android (android.graphics.Color)	4279133760 (0xFF0E6640)
YUV	71.3560, -3.6265, -50.3012
Hunter-Lab	31.5694, -22.1247, 9.9560

Details

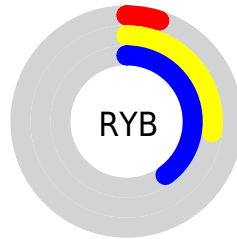
The Hex color **0E6640** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **660E34**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **4B9A70**, and **003615** is the 20% darker color. If you saturate the color by 10%, you get **04663C**, and if you desaturate by 10%, it is **186644**.

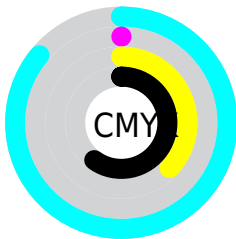
Distribution



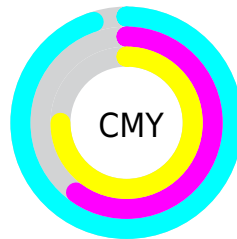
- Red (5%)
- Green (40%)
- Blue (25%)



- Red (5%)
- Yellow (27%)
- Blue (40%)



- Cyan (86%)
- Magenta (0%)
- Yellow (37%)
- Black (60%)



- Cyan (95%)
- Magenta (60%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E6640 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 0E6640 by changing the saturation by 10% instead.

 0E6640

 0E6640

FFFFFF

 004D2A

 4B9A70

 003615

 66B58A

 002200

 81D1A4

 000000

 9CEDBF

 B8FFDB

 D5FFF7

 F2FFFF

 0E6640

 0E6640

■ 04663C

■ 186644

■ 00663A

■ 226649

■ 2D664D

■ 376652

■ 416656

■ 4B665A

■ 55665F

■ 606663

■ 6A6668

Harmonies

Analogous

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



436126



0E6640



00685F

Triad

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



0E6640



2A5A95



8D4336

Complementary

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



0E6640



660E34

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.



903E53



0E6640



644E89

Square

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



0E6640



006290



834271



7C4F20

Rectangle

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



0E6640



006773



834271



8F413F

Sweetspot

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



0E6640



628576



34660E



2E4239



C2C2C2



424242

Same Dimension

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



0E6640



00854B



0E6066



2E3331



007341



00F28A

Inverse Universe

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



660E34



850039



66140E



332E30



730032



F20069

Previews

White Background



This preview shows how the Hex color 0E6640 looks on a white background.

Color Contrast Check

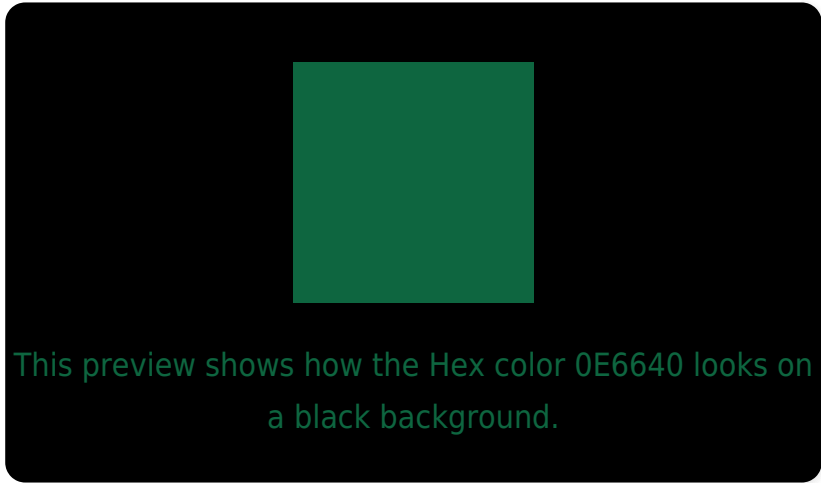
Large Text (above 18pt) WCAG AA ✓ Pass

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

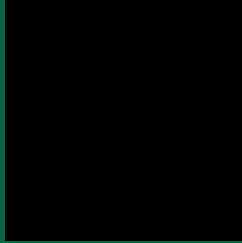
Any Text WCAG AA × Fail

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 0E6640 Background



This preview shows how black text looks on a background with the Hex color 0E6640.



This preview shows how white text looks on a background with the Hex color 0E6640.

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
0E6640

Protanopia
60593A

Deuteranopia
685544



Tritanopia
266169

Trichromacy



Original Color
0E6640



Protanomaly
425E3C



Deuteranomaly
475B43



Tritanomaly
1D635A

Monochromacy



Original Color
0E6640



Achromatopsia
474747



Achromatomaly
325244

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E6640 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 #0E6640 looks like.

```
.text, #text, p{  
    color:#0E6640  
}
```

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 #0E6640 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E6640
}
```

Border

The CSS property to change the border of an element to Hex 0E6640 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".

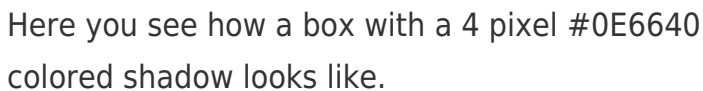
```
.border, #border, table{ border:4px solid
#0E6640 }
```

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

```
.border{ border-color:#0E6640 }
```

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

Here you see how a box with a 4 pixel #0E6640 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 #0E6640; -webkit-box-shadow:4px 4px  
4px 4px #0E6640; box-shadow:4px 4px 4px  
4px #0E6640 }
```

Background

The CSS property to change the background color of an element to Hex 0E6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E6640 }
```

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

```
.background{ background-color:#0E6640 }
```

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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