

Converting Colors

Hex(0E5368)

Have a look what the booklet for
Hex(0E5368) contains.

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Color

Hex(0E5368)

Conversions

Conversions Part 1

Format	Color
Hex	0E5368
RGB	14, 83, 104
RGB Percent	5%, 33%, 41%
CMY	0.9451, 0.6745, 0.5922
CMYK	0.87, 0.20, 0.00, 0.59
HSL	194°, 76%, 23%
HSV	194°, 87%, 41%
XYZ	5.7731, 7.2794, 14.1975
YIQ	64.7630, -47.8650, -8.0970

Conversions

Conversions Part 2

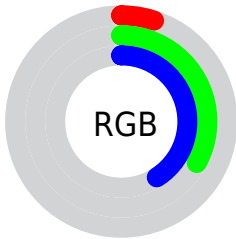
Format	Color
RYB	14, 53, 104
Decimal	938856
CIELab	32.43, -12.23, -17.91
CIELCh	32, 21.685, 235.681
Yxy	7.2794, 0.2119, 0.2671
Android (android.graphics.Color)	4279128936 (0xFF0E5368)
YUV	64.7630, 19.3438, -44.5192
Hunter-Lab	26.9803, -9.0213, -12.3132

Details

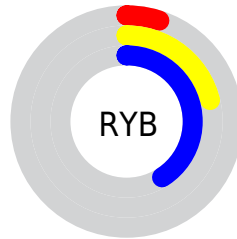
The Hex color **0E5368** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **68230E**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **4B859B**, and **002639** is the 20% darker color. If you saturate the color by 10%, you get **045168**, and if you desaturate by 10%, it is **185568**.

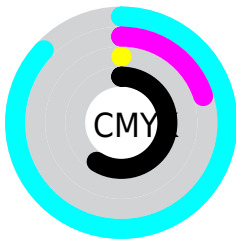
Distribution



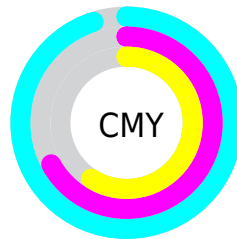
- Red (5%)
- Green (33%)
- Blue (41%)



- Red (5%)
- Yellow (21%)
- Blue (41%)



- Cyan (87%)
- Magenta (20%)
- Yellow (0%)
- Black (59%)



- Cyan (95%)
- Magenta (67%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E5368 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 0E5368 by changing the saturation by 10% instead.

0E5368

0E5368

FFFFFF

003C50

4B859B

002639

669FB6

001123

81BAD2

00000C

9DD5EE

000000

B9F2FF

D5FFFF

F3FFFF

0E5368

0E5368

■ 045168

■ 185568

■ 005068

■ 235868

■ 2D5A68

■ 385D68

■ 425F68

■ 4C6268

■ 576468

■ 616668

■ 6C6968

Harmonies

Analogous

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



02555A



0E5368



2F4F6E

Triad

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



0E5368



6B3F4F



48502D

Complementary

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



0E5368



68230E

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.



5A4A2A



0E5368



6D403E

Square

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



0E5368



5F4360



674431



345338

Rectangle

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



0E5368



424B6D



674431



4F4E2B

Sweetspot

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



0E5368



647F87



0E6823



304045



C4C4C4



454545

Same Dimension

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



0E5368



006887



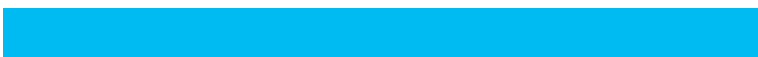
0E2668



2E3233



005873



00BAF2

Inverse Universe

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



680E53



870068



68500E



332E32



730058



F200BA

Previews

White Background



This preview shows how the Hex color 0E5368 looks on a white background.

Color Contrast Check

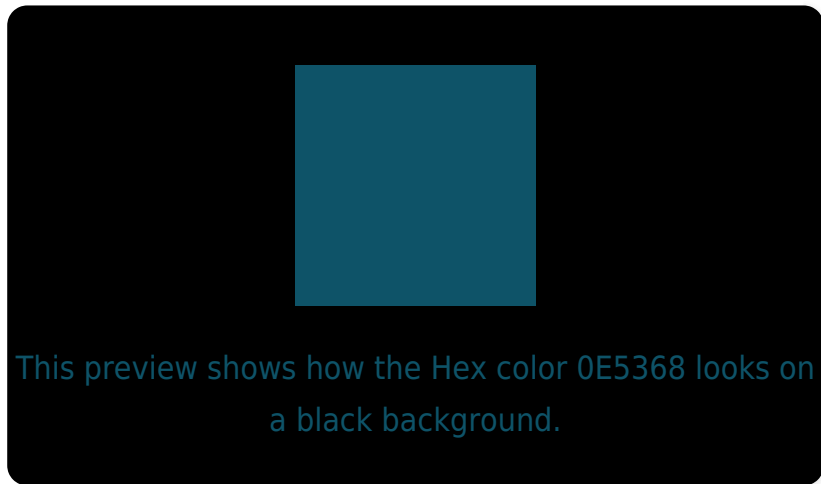
Large Text (above 18pt) WCAG AA ✓ Pass

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

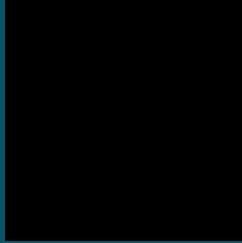
Any Text WCAG AA × Fail

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 0E5368 Background



This preview shows how black text looks on a background with the Hex color 0E5368.

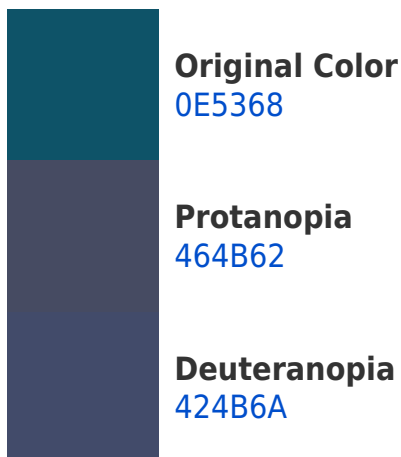


This preview shows how white text looks on a background with the Hex color 0E5368.

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](#).

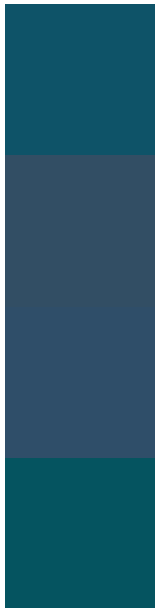
Dichromacy





Tritanopia
00555B

Trichromacy



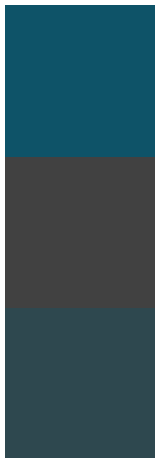
Original Color
0E5368

Protanomaly
324E64

Deuteranomaly
2F4E69

Tritanomaly
055460

Monochromacy



Original Color
0E5368

Achromatopsia
414141

Achromatomaly
2E484F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E5368 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 #0E5368 looks like.

```
.text, #text, p{  
    color:#0E5368  
}
```

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 #0E5368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E5368
}
```

Border

The CSS property to change the border of an element to Hex 0E5368 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
#0E5368 }
```

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

```
.border{ border-color:#0E5368 }
```

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

Here you see how a box with a 4 pixel #0E5368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E5368; -webkit-box-shadow:4px 4px  
4px 4px #0E5368; box-shadow:4px 4px 4px  
4px #0E5368 }
```

Background

The CSS property to change the background color of an element to Hex 0E5368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E5368 }
```

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

```
.background{ background-color:#0E5368 }
```

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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