

Converting Colors

Hex(0E5157)

Have a look what the booklet for
Hex(0E5157) contains.

Hex(0E5157)	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(0E5157)

Conversions

Conversions Part 1

Format	Color
Hex	0E5157
RGB	14, 81, 87
RGB Percent	5%, 32%, 34%
CMY	0.9451, 0.6824, 0.6588
CMYK	0.84, 0.07, 0.00, 0.66
HSL	185°, 72%, 20%
HSV	185°, 84%, 34%
XYZ	4.8438, 6.6663, 10.0483
YIQ	61.6510, -41.8580, -12.3380

Conversions

Conversions Part 2

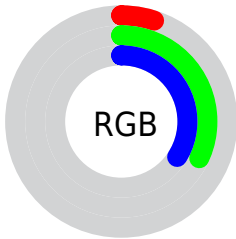
Format	Color
R_{YB}	14, 49, 87
Decimal	938327
CIE _{Lab}	31.03, -17.36, -9.29
CIE _{LCh}	31, 19.688, 208.141
Yxy	6.6663, 0.2247, 0.3092
Android (android.graphics.Color)	4279128407 (0xFF0E5157)
YUV	61.6510, 12.4971, -41.7899
Hunter-Lab	25.8193, -11.6961, -5.0008

Details

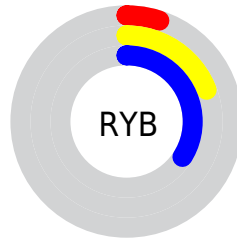
The Hex color **0E5157** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **57140E**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **488389**, and **00242A** is the 20% darker color. If you saturate the color by 10%, you get **055057**, and if you desaturate by 10%, it is **175257**.

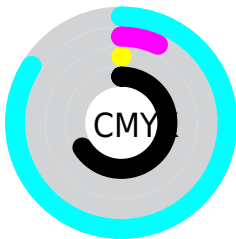
Distribution



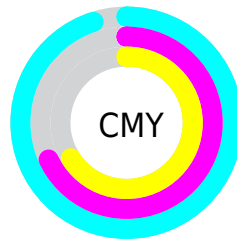
- Red (5%)
- Green (32%)
- Blue (34%)



- Red (5%)
- Yellow (19%)
- Blue (34%)



- Cyan (84%)
- Magenta (7%)
- Yellow (0%)
- Black (66%)



- Cyan (95%)
- Magenta (68%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E5157 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 0E5157 by changing the saturation by 10% instead.

0E5157

0E5157

FFFFFF

003A40

488389

00242A

629DA3

000816

7DB8BE

000000

98D3DA

B4F0F6

D0FFFF

EDFFFF

0E5157

0E5157

■ 055057

■ 175257

■ 005057

■ 1F5257

■ 285357

■ 315457

■ 3A5557

■ 425557

■ 4B5657

■ 545757

■ 5C5757

Harmonies

Analogous

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



1E5148



0E5157



184F63

Triad

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



0E5157



5C4059



54482A

Complementary

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



0E5157



57140E

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.



60422F



0E5157



663D4B

Square

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



0E5157



4A4564



673E3B



444C2D

Rectangle

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



0E5157



294C67



673E3B



59462B

Sweetspot

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



0E5157



546E70



0E5713



273738



B8B8B8



383838

Same Dimension

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



0E5157



006770



0E2E57



272B2B



00626B



00D7EB

Inverse Universe

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



570E51



700067



57370E



2B272B



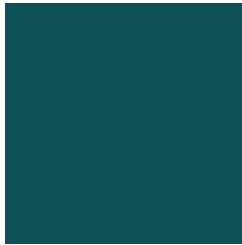
6B0062



EB00D7

Previews

White Background



This preview shows how the Hex color 0E5157 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

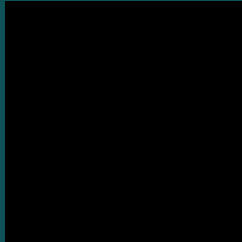
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

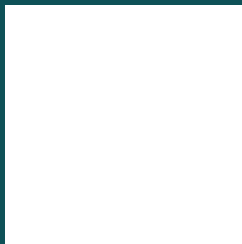
Any Text WCAG AAA × Fail

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

Hex 0E5157 Background



This preview shows how black text looks on a background with the Hex color 0E5157.

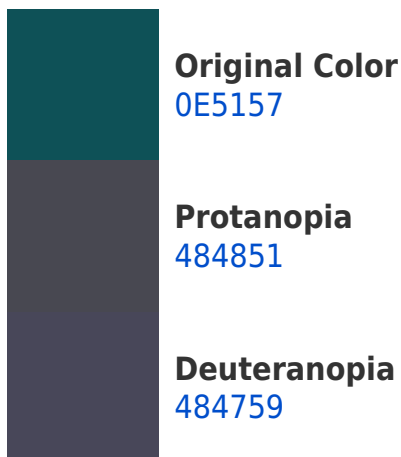


This preview shows how white text looks on a background with the Hex color 0E5157.

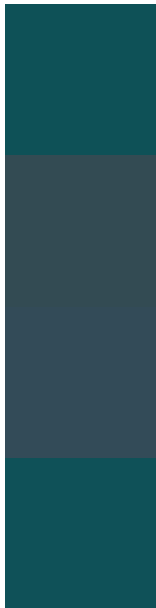
Color Blindness Simulation

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



Trichromacy



Original Color
0E5157

Protanomaly
334B53

Deuteranomaly
334B58

Tritanomaly
0F5158

Monochromacy



Original Color
0E5157

Achromatopsia
3E3E3E

Achromatomaly
2D4547

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E5157 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 #0E5157 looks like.

```
.text, #text, p{  
    color:#0E5157  
}
```

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 #0E5157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E5157
}
```

Border

The CSS property to change the border of an element to Hex 0E5157 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
#0E5157 }
```

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

```
.border{ border-color:#0E5157 }
```

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

Here you see how a box with a 4 pixel #0E5157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E5157; -webkit-box-shadow:4px 4px  
4px 4px #0E5157; box-shadow:4px 4px 4px  
4px #0E5157 }
```

Background

The CSS property to change the background color of an element to Hex 0E5157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E5157 }
```

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

```
.background{ background-color:#0E5157 }
```

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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