

Converting Colors

Hex(0E533D)

Have a look what the booklet for
Hex(0E533D) contains.

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Color

Hex(0E533D)

Conversions

Conversions Part 1

Format	Color
Hex	0E533D
RGB	14, 83, 61
RGB Percent	5%, 33%, 24%
CMY	0.9451, 0.6745, 0.7608
CMYK	0.83, 0.00, 0.27, 0.67
HSL	161°, 71%, 19%
HSV	161°, 83%, 33%
XYZ	4.1167, 6.6168, 5.4751
YIQ	59.8610, -34.0620, -21.4700

Conversions

Conversions Part 2

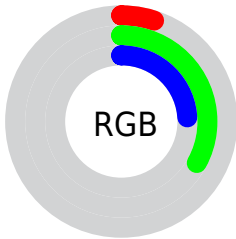
Format	Color
R_{YB}	14, 55, 83
Decimal	938813
CIE Lab	30.92, -26.64, 7.07
CIE LCh	31, 27.564, 165.130
Yxy	6.6168, 0.2540, 0.4082
Android (android.graphics.Color)	4279128893 (0xFF0E533D)
YUV	59.8610, 0.5615, -40.2201
Hunter-Lab	25.7231, -16.4488, 5.3865

Details

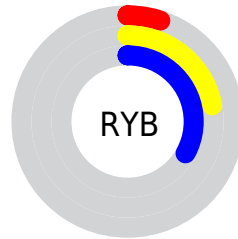
The Hex color **0E533D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **530E24**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **46856C**, and **002613** is the 20% darker color. If you saturate the color by 10%, you get **06533A**, and if you desaturate by 10%, it is **165340**.

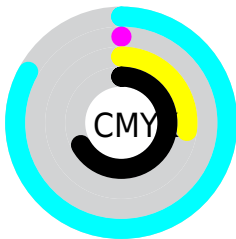
Distribution



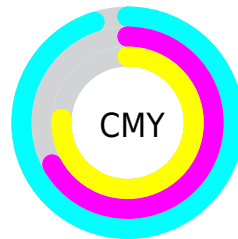
- Red (5%)
- Green (33%)
- Blue (24%)



- Red (5%)
- Yellow (22%)
- Blue (33%)



- Cyan (83%)
- Magenta (0%)
- Yellow (27%)
- Black (67%)



- Cyan (95%)
- Magenta (67%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E533D 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 0E533D by changing the saturation by 10% instead.

 0E533D

 0E533D

FFFFFF

 003B27

 46856C

 002613

 60A086

 000600

 7ABBA0

 000000

 95D7BB

 B0F3D7

 CCFF3

 E9FFF

 0E533D

 0E533D

■ 06533A

■ 165340

■ 005339

■ 1F5342

■ 275345

■ 2F5348

■ 37534A

■ 40534D

■ 485350

■ 505352

■ 595355

Harmonies

Analogous

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



335029



0E533D



005453

Triad

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



0E533D



394772



6C3C2B

Complementary

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



0E533D



530E24

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.



71373F



0E533D



583F67

Square

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



0E533D



004E72



6B3854



5F441F

Rectangle

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



0E533D



005361



6B3854



6F3A31

Sweetspot

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



0E533D



506B63



25530E



253630



B5B5B5



363636

Same Dimension

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



0E533D



006B49



0E4753



252927



006947



00E89E

Inverse Universe

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



530E24



6B0022



53190E



292526



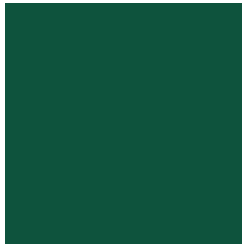
690021



E8004A

Previews

White Background



This preview shows how the Hex color 0E533D looks on a white background.

Color Contrast Check

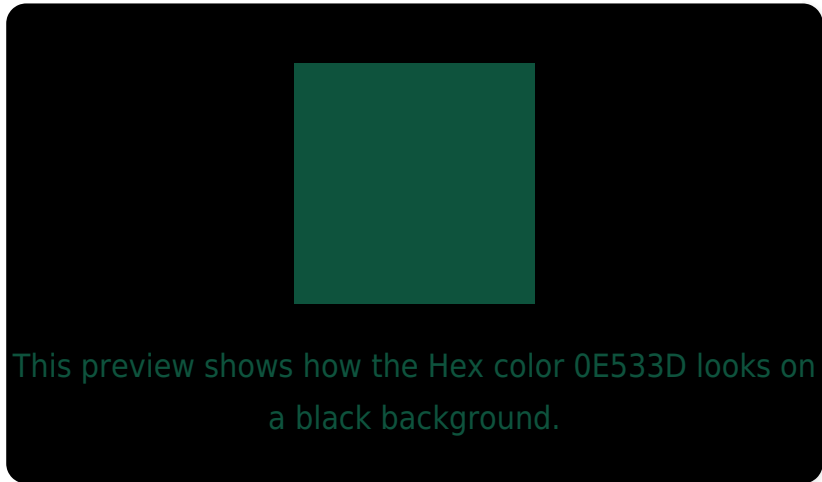
Large Text (above 18pt) WCAG AA ✓ Pass

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 0E533D Background



This preview shows how black text looks on a background with the Hex color 0E533D.



This preview shows how white text looks on a background with the Hex color 0E533D.

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
0E533D

Protanopia
4E4938

Deuteranopia
534640



Tritanopia
1E5056

Trichromacy



Original Color
0E533D

Protanomaly
374D3A

Deuteranomaly
3A4B3F

Tritanomaly
18514D

Monochromacy



Original Color
0E533D

Achromatopsia
3C3C3C

Achromatomaly
2B443C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E533D 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 #0E533D looks like.

```
.text, #text, p{  
    color:#0E533D  
}
```

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 #0E533D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E533D
}
```

Border

The CSS property to change the border of an element to Hex 0E533D 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
#0E533D }
```

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

```
.border{ border-color:#0E533D }
```

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

Here you see how a box with a 4 pixel #0E533D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E533D; -webkit-box-shadow:4px 4px  
4px 4px #0E533D; box-shadow:4px 4px 4px  
4px #0E533D }
```

Background

The CSS property to change the background color of an element to Hex 0E533D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E533D }
```

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

```
.background{ background-color:#0E533D }
```

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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