

Converting Colors

Hex(0D5F4F)

Have a look what the booklet for
Hex(0D5F4F) contains.

Hex(0D5F4F)	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(0D5F4F)

Conversions

Conversions Part 1

Format	Color
Hex	0D5F4F
RGB	13, 95, 79
RGB Percent	5%, 37%, 31%
CMY	0.9490, 0.6275, 0.6902
CMYK	0.86, 0.00, 0.17, 0.63
HSL	168°, 76%, 21%
HSV	168°, 86%, 37%
XYZ	5.6695, 8.8345, 8.8036
YIQ	68.6580, -43.7360, -22.3600

Conversions

Conversions Part 2

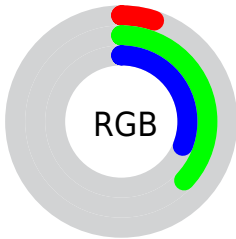
Format	Color
R_{YB}	13, 58, 95
Decimal	876367
CIE _{Lab}	35.66, -27.33, 2.59
CIE _{LCh}	36, 27.450, 174.580
Yxy	8.8345, 0.2432, 0.3790
Android (android.graphics.Color)	4279066447 (0xFF0D5F4F)
YUV	68.6580, 5.0986, -48.8121
Hunter-Lab	29.7229, -17.9672, 3.2450

Details

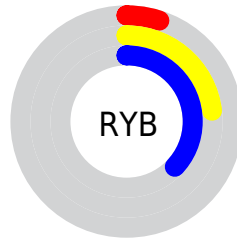
The Hex color **0D5F4F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5F0D1D**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **499280**, and **003023** is the 20% darker color. If you saturate the color by 10%, you get **035F4D**, and if you desaturate by 10%, it is **165F51**.

Distribution



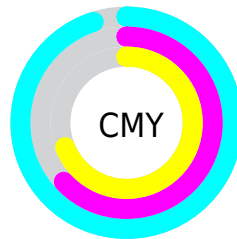
- Red (5%)
- Green (37%)
- Blue (31%)



- Red (5%)
- Yellow (23%)
- Blue (37%)



- Cyan (86%)
- Magenta (0%)
- Yellow (17%)
- Black (63%)



- Cyan (95%)
- Magenta (63%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D5F4F 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 0D5F4F by changing the saturation by 10% instead.



0D5F4F



0D5F4F

FFFFFF



004738



499280



003023



64AD9A



001D0D



7FC8B5



000000



9AE5D0



B6FFED



D3FFFF



F0FFFF



0D5F4F



0D5F4F

■ 035F4D

■ 165F51

■ 005F4C

■ 205F53

■ 295F55

■ 335F56

■ 3D5F58

■ 465F5A

■ 505F5C

■ 595F5E

■ 625F60

Harmonies

Analogous

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



355D3A



0D5F4F



005F65

Triad

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



0D5F4F



50507C



754931

Complementary

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



0D5F4F



5F0D1D

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.



7D4343



0D5F4F



6B476E

Square

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



0D5F4F



27577F



7B4259



655127

Rectangle

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



0D5F4F



005E72



7B4259



794736

Sweetspot

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



0D5F4F



5B7A74



1D5F0D



2A3D39



BDBDBD



3D3D3D

Same Dimension

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



0D5F4F



007A63



0D465F



2C3030



00705A



00F0C1

Inverse Universe

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



5F0D1D



7A0018



5F260D



302C2D



700016



F0002F

Previews

White Background



This preview shows how the Hex color 0D5F4F looks on a white background.

Color Contrast Check

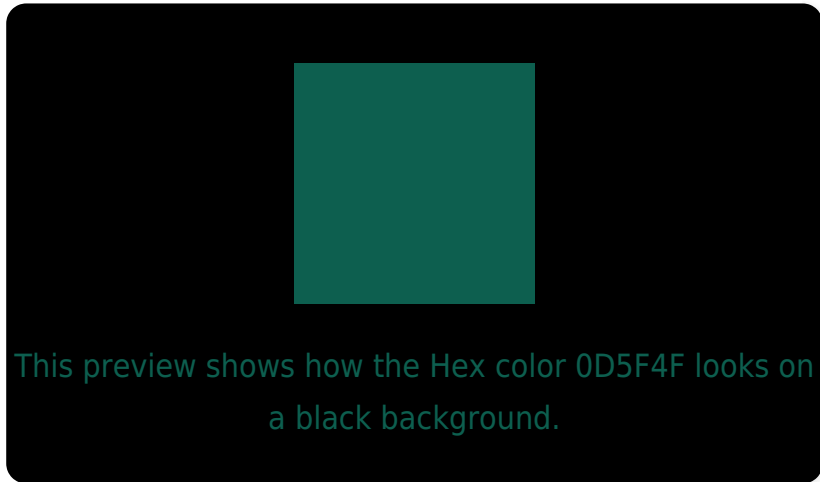
Large Text (above 18pt) WCAG AA ✓ Pass

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

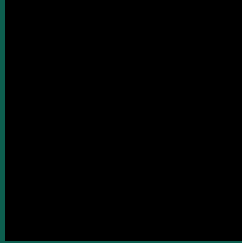
Any Text WCAG AA × Fail

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 0D5F4F Background



This preview shows how black text looks on a background with the Hex color 0D5F4F.

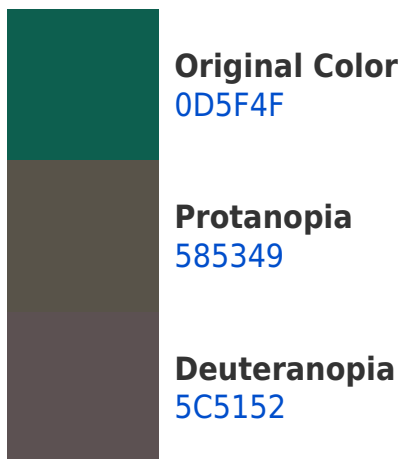


This preview shows how white text looks on a background with the Hex color 0D5F4F.

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
1E5C64

Trichromacy



Original Color
0D5F4F

Protanomaly
3D574B

Deuteranomaly
3F5651

Tritanomaly
185D5C

Monochromacy



Original Color
0D5F4F

Achromatopsia
454545

Achromatomaly
314E49

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D5F4F 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 #0D5F4F looks like.

```
.text, #text, p{  
    color:#0D5F4F  
}
```

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 #0D5F4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D5F4F
}
```

Border

The CSS property to change the border of an element to Hex 0D5F4F 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
#0D5F4F }
```

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

```
.border{ border-color:#0D5F4F }
```

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

Here you see how a box with a 4 pixel #0D5F4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D5F4F; -webkit-box-shadow:4px 4px  
4px 4px #0D5F4F; box-shadow:4px 4px 4px  
4px #0D5F4F }
```

Background

The CSS property to change the background color of an element to Hex 0D5F4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D5F4F }
```

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

```
.background{ background-color:#0D5F4F }
```

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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