

Converting Colors

Hex(0F5F61)

Have a look what the booklet for
Hex(0F5F61) contains.

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Color

Hex(0F5F61)

Conversions

Conversions Part 1

Format	Color
Hex	0F5F61
RGB	15, 95, 97
RGB Percent	6%, 37%, 38%
CMY	0.9412, 0.6275, 0.6196
CMYK	0.85, 0.02, 0.00, 0.62
HSL	181°, 73%, 22%
HSV	181°, 85%, 38%
XYZ	6.4469, 9.1490, 12.7354
YIQ	71.3080, -48.3220, -16.3380

Conversions

Conversions Part 2

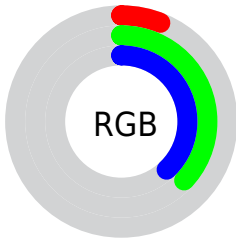
Format	Color
R_{YB}	15, 55, 97
Decimal	1007457
CIE _{Lab}	36.27, -21.39, -7.69
CIE _{LCh}	36, 22.730, 199.773
Yxy	9.1490, 0.2276, 0.3229
Android (android.graphics.Color)	4279197537 (0xFF0F5F61)
YUV	71.3080, 12.6662, -49.3821
Hunter-Lab	30.2474, -14.8877, -3.7904

Details

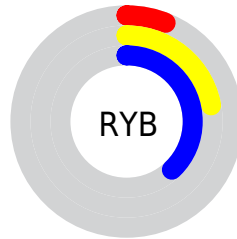
The Hex color **0F5F61** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **61110F**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **4C9294**, and **003033** is the 20% darker color. If you saturate the color by 10%, you get **055F61**, and if you desaturate by 10%, it is **195F61**.

Distribution



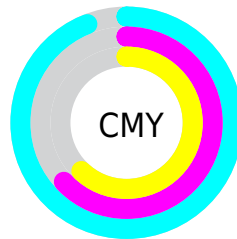
- Red (6%)
- Green (37%)
- Blue (38%)



- Red (6%)
- Yellow (22%)
- Blue (38%)



- Cyan (85%)
- Magenta (2%)
- Yellow (0%)
- Black (62%)



- Cyan (94%)
- Magenta (63%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F5F61 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 0F5F61 by changing the saturation by 10% instead.

0F5F61

0F5F61

FFFFFF

004749

4C9294

003033

67ADAE

001D1E

82C8C9

000003

9EE4E6

000000

BAFFFF

D7FFFF

F4FFFF

0F5F61

0F5F61

■ 055F61

■ 195F61

■ 005F61

■ 225F61

■ 2C6061

■ 366061

■ 406061

■ 496061

■ 536161

■ 5D6161

■ 666161

Harmonies

Analogous

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



295F4E



0F5F61



105D71

Triad

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



0F5F61



664C6D



675231

Complementary

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



0F5F61



61110F

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.



744C3A



0F5F61



75485C

Square

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



0F5F61



4E5378



79484A



555832

Rectangle

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



0F5F61



255B77



79484A



6C5033

Sweetspot

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



0F5F61



5E7C7D



0F6110



2D3F40



BFBFBF



404040

Same Dimension

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



0F5F61



007A7D



0F3761



2C3030



006D70



00EAF0

Inverse Universe

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



610F5F



7D007A



61390F



302C30



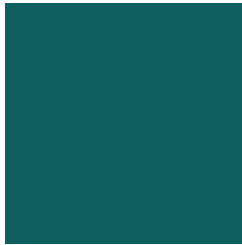
70006D



F000EA

Previews

White Background



This preview shows how the Hex color 0F5F61 looks on a white background.

Color Contrast Check

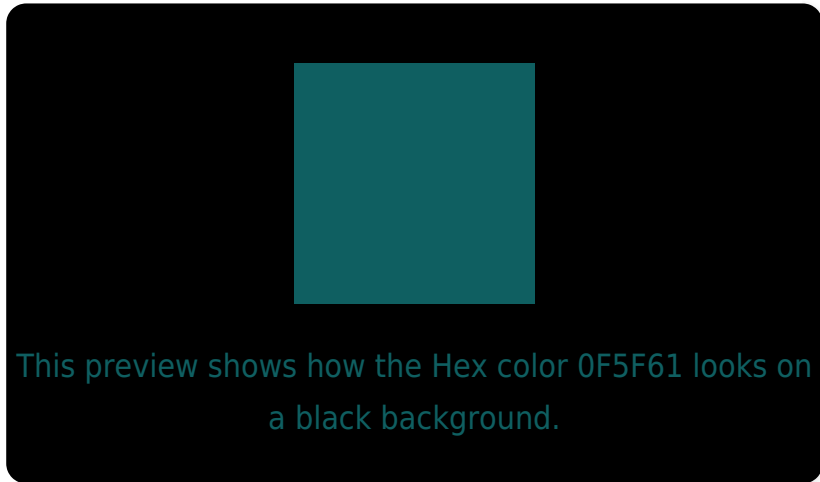
Large Text (above 18pt) WCAG AA ✓ Pass

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

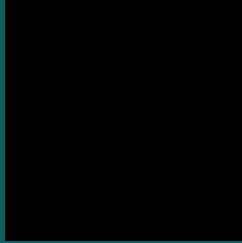
Any Text WCAG AA × Fail

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 0F5F61 Background



This preview shows how black text looks on a background with the Hex color 0F5F61.



This preview shows how white text looks on a background with the Hex color 0F5F61.

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
0F5F61

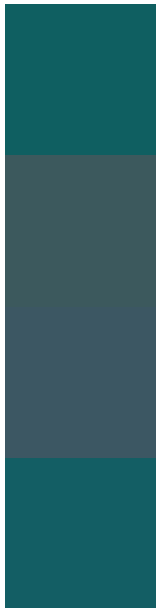
Protanopia
55555A

Deuteranopia
565364



Tritanopia
155E66

Trichromacy



Original Color
0F5F61

Protanomaly
3C595D

Deuteranomaly
3C5763

Tritanomaly
135E64

Monochromacy



Original Color
0F5F61

Achromatopsia
474747

Achromatomaly
335050

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F5F61 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 #0F5F61 looks like.

```
.text, #text, p{  
    color:#0F5F61  
}
```

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 #0F5F61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F5F61
}
```

Border

The CSS property to change the border of an element to Hex 0F5F61 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
#0F5F61 }
```

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

```
.border{ border-color:#0F5F61 }
```

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

Here you see how a box with a 4 pixel #0F5F61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F5F61; -webkit-box-shadow:4px 4px  
4px 4px #0F5F61; box-shadow:4px 4px 4px  
4px #0F5F61 }
```

Background

The CSS property to change the background color of an element to Hex 0F5F61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F5F61 }
```

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

```
.background{ background-color:#0F5F61 }
```

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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