

# Converting Colors

Hex(0F5D5E)

Have a look what the booklet for  
Hex(0F5D5E) contains.

<b>Hex(0F5D5E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(0F5D5E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F5D5E
RGB	15, 93, 94
RGB Percent	6%, 36%, 37%
CMY	0.9412, 0.6353, 0.6314
CMYK	0.84, 0.01, 0.00, 0.63
HSL	181°, 72%, 21%
HSV	181°, 84%, 37%
XYZ	6.1317, 8.7384, 11.9532
YIQ	69.7920, -46.8090, -16.2250

# Conversions

## Conversions Part 2

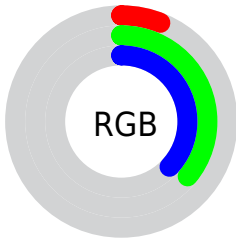
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 54, 94
Decimal	1006942
CIE <sub>Lab</sub>	35.48, -21.35, -7.01
CIE <sub>LCh</sub>	35, 22.468, 198.189
Yxy	8.7384, 0.2286, 0.3258
Android (android.graphics.Color)	4279197022 (0xFF0F5D5E)
YUV	69.7920, 11.9345, -48.0526
Hunter-Lab	29.5608, -14.7055, -3.2819

# Details

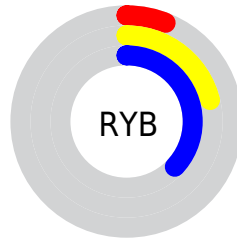
The Hex color **0F5D5E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5E100F**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4C9090**, and **002E30** is the 20% darker color. If you saturate the color by 10%, you get **065D5E**, and if you desaturate by 10%, it is **185D5E**.

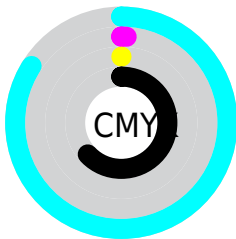
# Distribution



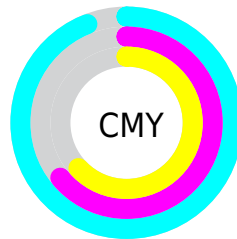
- Red (6%)
- Green (36%)
- Blue (37%)



- Red (6%)
- Yellow (21%)
- Blue (37%)



- Cyan (84%)
- Magenta (1%)
- Yellow (0%)
- Black (63%)



- Cyan (94%)
- Magenta (64%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F5D5E 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 0F5D5E by changing the saturation by 10% instead.



 0F5D5E

 0F5D5E

FFFFFF

 004546

 4C9090

 002E30

 66AAAB

 001C1B

 81C6C6

 000000

 9DE2E2

 B9FFFF

 D5FFFF

 F3FFFF

 0F5D5E

 0F5D5E

065D5E

185D5E

005D5E

225D5E

2B5D5E

355D5E

3E5E5E

475E5E

515E5E

5A5E5E

645E5E

# Harmonies

## Analogous

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



295D4B



0F5D5E



0E5B6E

# Triad

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



0F5D5E



634B6C



665030

# Complementary

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



0F5D5E



5E100F

# 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.



724A39



0F5D5E



72465B

# Square

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



0F5D5E



4B5175



774649



545631

# Rectangle

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



0F5D5E



225974



774649



6A4E32



# Sweetspot

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



0F5D5E



5C7A7A



0F5E0F



2B3D3D



BDBDBD



3D3D3D



# Same Dimension

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



0F5D5E



00797A



0F375E



292E2E



006C6E



00EAED



# Inverse Universe

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



5E0F5D



7A0079



5E370F



2E292E



6E006C

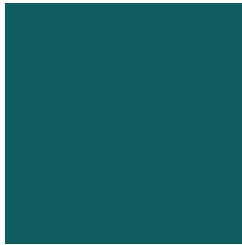


ED00EA



# Previews

## White Background



This preview shows how the Hex color 0F5D5E looks on a white background.

## Color Contrast Check

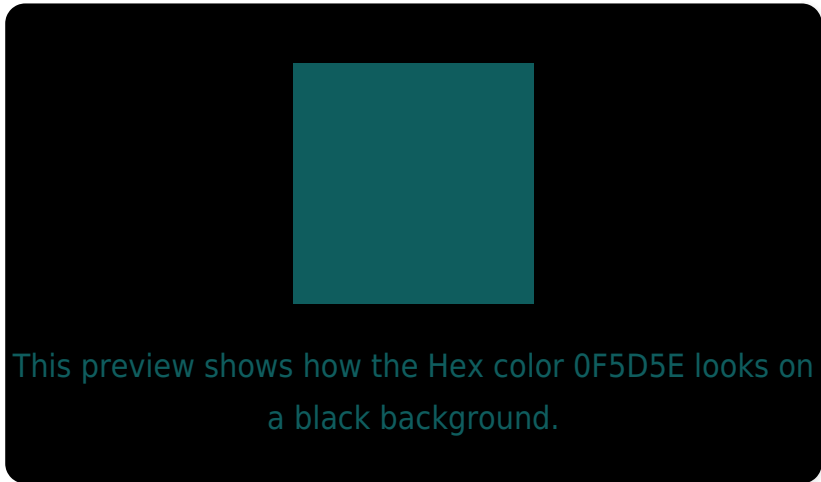
Large Text (above 18pt) WCAG AA ✓ Pass

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

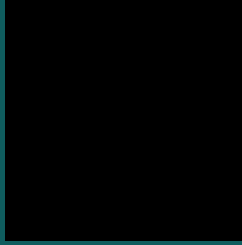
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F5D5E Background



This preview shows how black text looks on a background with the Hex color 0F5D5E.



This preview shows how white text looks on a background with the Hex color 0F5D5E.

# 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**  
0F5D5E

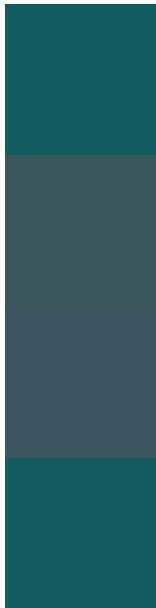
**Protanopia**  
535358

**Deuteranopia**  
555161



**Tritanopia**  
155C64

# Trichromacy



**Original Color**  
0F5D5E

**Protanomaly**  
3A575A

**Deuteranomaly**  
3C5560

**Tritanomaly**  
135C62

# Monochromacy



**Original Color**  
0F5D5E

**Achromatopsia**  
464646

**Achromatomaly**  
324E4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F5D5E 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 #0F5D5E looks like.

```
.text, #text, p{  
    color:#0F5D5E  
}
```

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 #0F5D5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F5D5E
}
```

## Border

The CSS property to change the border of an element to Hex 0F5D5E 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
#0F5D5E }
```

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

```
.border{ border-color:#0F5D5E }
```

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

Here you see how a box with a 4 pixel #0F5D5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F5D5E; -webkit-box-shadow:4px 4px  
4px 4px #0F5D5E; box-shadow:4px 4px 4px  
4px #0F5D5E }
```

# Background

The CSS property to change the background color of an element to Hex 0F5D5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F5D5E }
```

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

```
.background{ background-color:#0F5D5E }
```

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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