

# Converting Colors

Hex(0F4141)

Have a look what the booklet for  
Hex(0F4141) contains.

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# Color

**Hex(0F4141)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F4141
RGB	15, 65, 65
RGB Percent	6%, 25%, 25%
CMY	0.9412, 0.7451, 0.7451
CMYK	0.77, 0.00, 0.00, 0.75
HSL	180°, 62%, 16%
HSV	180°, 77%, 25%
XYZ	3.0414, 4.2638, 5.6637
YIQ	50.0500, -29.8000, -10.6000

# Conversions

## Conversions Part 2

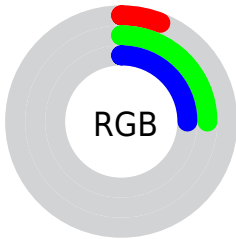
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 40, 65
Decimal	999745
CIE Lab	24.53, -15.94, -4.79
CIE LCh	25, 16.642, 196.719
Yxy	4.2638, 0.2345, 0.3288
Android (android.graphics.Color)	4279189825 (0xFF0F4141)
YUV	50.0500, 7.3704, -30.7388
Hunter-Lab	20.6490, -9.8441, -1.8081

# Details

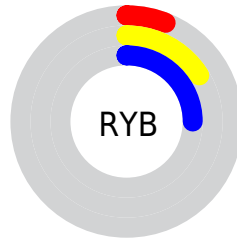
The Hex color **0F4141** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **410F0F**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **437171**, and **001817** is the 20% darker color. If you saturate the color by 10%, you get **084141**, and if you desaturate by 10%, it is **164141**.

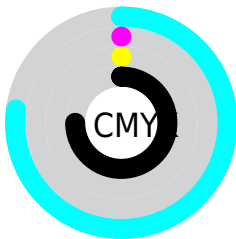
# Distribution



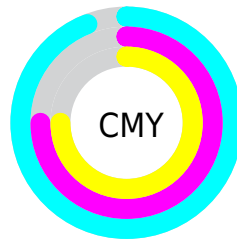
- Red (6%)
- Green (25%)
- Blue (25%)



- Red (6%)
- Yellow (16%)
- Blue (25%)



- Cyan (77%)
- Magenta (0%)
- Yellow (0%)
- Black (75%)



- Cyan (94%)
- Magenta (75%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F4141 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 0F4141 by changing the saturation by 10% instead.





0F4141



0F4141

FFFFFF



002B2B



437171



001817



5C8B8A



000000



76A5A4



90C0C0



ABDCDB



C7F9F8



E3FFFF



0F4141



0F4141

■ 084141

■ 164141

■ 024141

■ 1C4141

■ 004141

■ 234141

■ 294141

■ 304141

■ 364141

■ 3D4141

■ 434141

■ 4A4141

# Harmonies

## Analogous

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



1E4134



0F4141



0E404C

# Triad

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



0F4141



44354B



483822

# Complementary

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



0F4141



410F0F

# 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.



503329



0F4141



4F3140

# Square

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



0F4141



343952



533134



3C3C22

# Rectangle

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



0F4141



193E51



533134



4B3623



# Sweetspot

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



0F4141



415454



0F410F



1F2B2B



ABABAB



2B2B2B



# Same Dimension

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



0F4141



075454



0F2841



1E2121



006161



00E0E0



# Inverse Universe

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



410F41



540754



41280F



211E21



610061

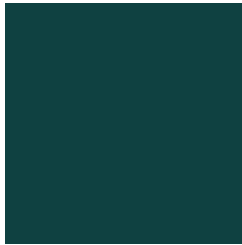


E000E0



# Previews

## White Background



This preview shows how the Hex color 0F4141 looks on a white background.

## Color Contrast Check

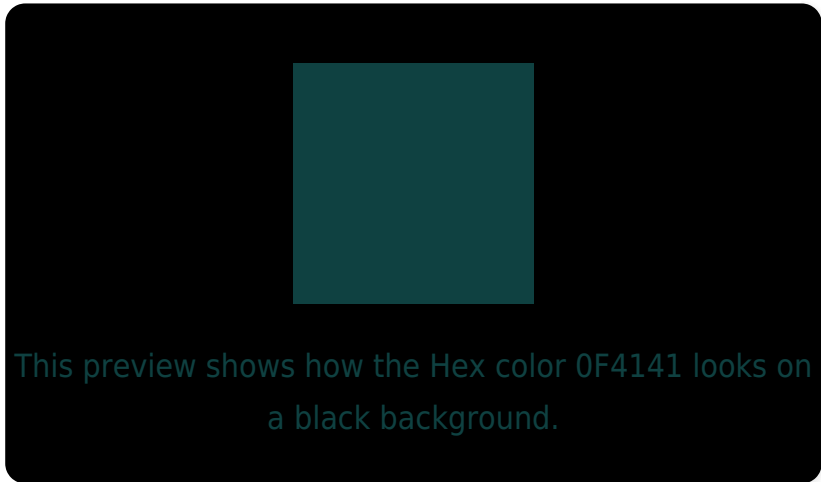
Large Text (above 18pt) WCAG AA ✓ Pass

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

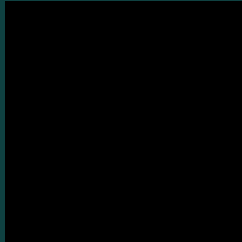
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

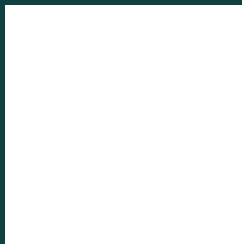
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0F4141 Background



This preview shows how black text looks on a background with the Hex color 0F4141.



This preview shows how white text looks on a background with the Hex color 0F4141.

# 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**  
0F4141

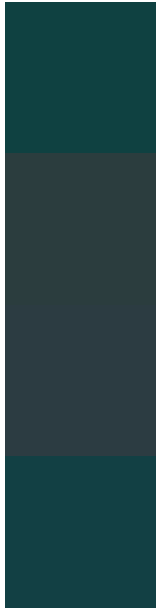
**Protanopia**  
3B3A3D

**Deuteranopia**  
3C3943



**Tritanopia**  
134046

# Trichromacy



**Original Color**  
0F4141

**Protanomaly**  
2B3D3E

**Deuteranomaly**  
2C3C42

**Tritanomaly**  
124044

# Monochromacy



**Original Color**  
0F4141

**Achromatopsia**  
323232

**Achromatomaly**  
253737

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F4141 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 #0F4141 looks like.

```
.text, #text, p{  
    color:#0F4141  
}
```

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 #0F4141 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F4141
}
```

## Border

The CSS property to change the border of an element to Hex 0F4141 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".

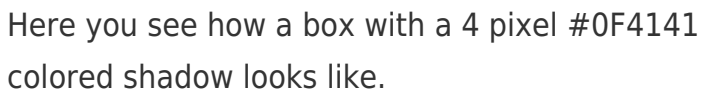
```
.border, #border, table{ border:4px solid
#0F4141 }
```

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

```
.border{ border-color:#0F4141 }
```

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

Here you see how a box with a 4 pixel #0F4141 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F4141; -webkit-box-shadow:4px 4px  
4px 4px #0F4141; box-shadow:4px 4px 4px  
4px #0F4141 }
```

# Background

The CSS property to change the background color of an element to Hex 0F4141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F4141 }
```

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

```
.background{ background-color:#0F4141 }
```

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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