

# Converting Colors

Hex(0F452E)

Have a look what the booklet for  
Hex(0F452E) contains.

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# Color

**Hex(0F452E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0F452E
RGB	15, 69, 46
RGB Percent	6%, 27%, 18%
CMY	0.9412, 0.7294, 0.8196
CMYK	0.78, 0.00, 0.33, 0.73
HSL	154°, 64%, 16%
HSV	154°, 78%, 27%
XYZ	2.8183, 4.5551, 3.3154
YIQ	50.2320, -24.8010, -18.6010

# Conversions

## Conversions Part 2

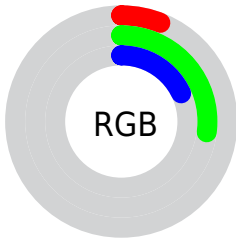
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 49, 69
Decimal	1000750
CIE Lab	25.43, -23.81, 8.97
CIE LCh	25, 25.445, 159.350
Yxy	4.5551, 0.2637, 0.4262
Android (android.graphics.Color)	4279190830 (0xFF0F452E)
YUV	50.2320, -2.0864, -30.8985
Hunter-Lab	21.3426, -13.7788, 5.7295

# Details

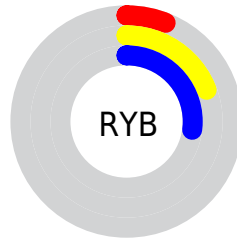
The Hex color **0F452E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **450F26**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **42765C**, and **001B00** is the 20% darker color. If you saturate the color by 10%, you get **08452B**, and if you desaturate by 10%, it is **164531**.

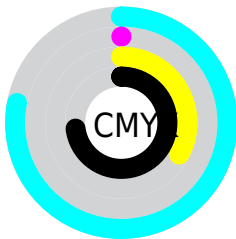
# Distribution



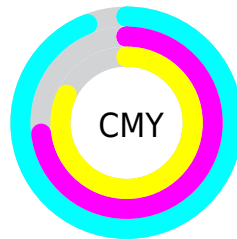
- Red (6%)
- Green (27%)
- Blue (18%)



- Red (6%)
- Yellow (19%)
- Blue (27%)



- Cyan (78%)
- Magenta (0%)
- Yellow (33%)
- Black (73%)



- Cyan (94%)
- Magenta (73%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F452E 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 0F452E by changing the saturation by 10% instead.



0F452E

0F452E

FFFFFF

002E19

42765C

001B00

5B9074

000000

75AA8E

8FC6A9

AAE2C4

C6FFE0

E2FFFC

0F452E

0F452E

■ 08452B

■ 164531

■ 014528

■ 1D4534

■ 004528

■ 244537

■ 2B453A

■ 32453D

■ 384540

■ 3F4543

■ 464546

■ 4D4548

# Harmonies

## Analogous

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



2D421D



0F452E



004642

# Triad

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



0F452E



263C62



5D3025

# Complementary

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



0F452E



450F26

# 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.



602C37



0F452E



46355A

# Square

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



0F452E



004260



592E4A



523618

# Rectangle

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



0F452E



00464F



592E4A



5F2E2A



# Sweetspot

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



0F452E



455951



26450F



212E28



ADADAD



2E2E2E



# Same Dimension

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



0F452E



055936



0F4145



202422



006339



00E382



# Inverse Universe

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



450F26



590529



45130F



242022



63002A

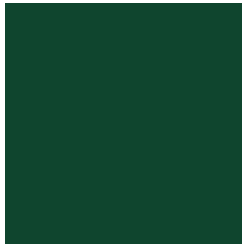


E30061



# Previews

## White Background



This preview shows how the Hex color 0F452E looks on a white background.

## Color Contrast Check

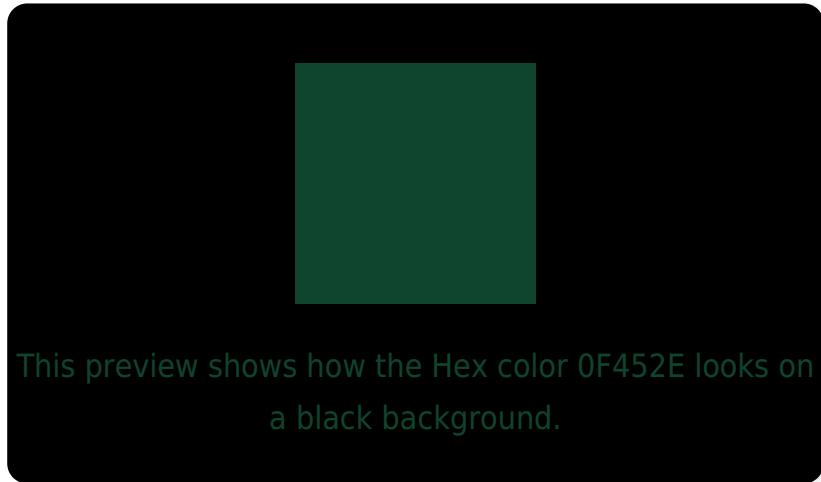
Large Text (above 18pt) WCAG AA ✓ Pass

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

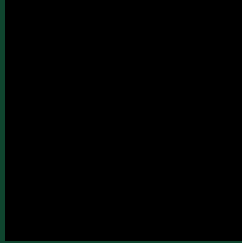
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F452E Background



This preview shows how black text looks on a background with the Hex color 0F452E.



This preview shows how white text looks on a background with the Hex color 0F452E.

# 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**  
0F452E

**Protanopia**  
413C2A

**Deuteranopia**  
463A31



**Tritanopia**  
1B4247

# Trichromacy



**Original Color**  
0F452E

**Protanomaly**  
2F3F2B

**Deuteranomaly**  
323E30

**Tritanomaly**  
17433E

# Monochromacy



**Original Color**  
0F452E

**Achromatopsia**  
323232

**Achromatomaly**  
253931

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F452E 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 #0F452E looks like.

```
.text, #text, p{  
    color:#0F452E  
}
```

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 #0F452E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F452E
}
```

## Border

The CSS property to change the border of an element to Hex 0F452E 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
#0F452E }
```

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

```
.border{ border-color:#0F452E }
```

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

Here you see how a box with a 4 pixel #0F452E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F452E; -webkit-box-shadow:4px 4px  
4px 4px #0F452E; box-shadow:4px 4px 4px  
4px #0F452E }
```

# Background

The CSS property to change the background color of an element to Hex 0F452E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F452E }
```

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

```
.background{ background-color:#0F452E }
```

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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