

Converting Colors

Hex(0F642F)

Have a look what the booklet for
Hex(0F642F) contains.

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Color

Hex(0F642F)

Conversions

Conversions Part 1

Format	Color
Hex	0F642F
RGB	15, 100, 47
RGB Percent	6%, 39%, 18%
CMY	0.9412, 0.6078, 0.8157
CMYK	0.85, 0.00, 0.53, 0.61
HSL	143°, 74%, 23%
HSV	143°, 85%, 39%
XYZ	5.2673, 9.4211, 4.2302
YIQ	68.5430, -33.6470, -34.5030

Conversions

Conversions Part 2

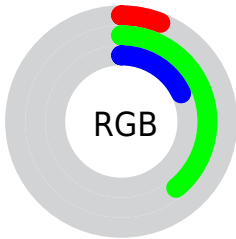
Format	Color
RYB	15, 77, 100
Decimal	1008687
CIELab	36.78, -36.88, 23.27
CIELCh	37, 43.610, 147.756
Yxy	9.4211, 0.2784, 0.4980
Android (android.graphics.Color)	4279198767 (0xFF0F642F)
YUV	68.5430, -10.6207, -46.9572
Hunter-Lab	30.6939, -23.0825, 13.3145

Details

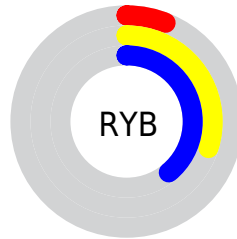
The Hex color **0F642F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **640F44**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **4B985E**, and **003400** is the 20% darker color. If you saturate the color by 10%, you get **056429**, and if you desaturate by 10%, it is **196435**.

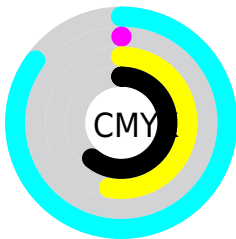
Distribution



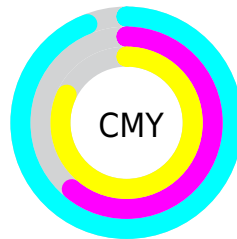
- Red (6%)
- Green (39%)
- Blue (18%)



- Red (6%)
- Yellow (30%)
- Blue (39%)



- Cyan (85%)
- Magenta (0%)
- Yellow (53%)
- Black (61%)



- Cyan (94%)
- Magenta (61%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F642F 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 0F642F by changing the saturation by 10% instead.



0F642F



0F642F

FFFFFF



004B19



4B985E



003400



66B377



002000



81CF91



000000



9CEBAC



B8FFC7



D5FFE3



F2FFFF



0F642F



0F642F

■ 056429

■ 196435

■ 006426

■ 23643B

■ 2D6442

■ 376448

■ 41644E

■ 4B6454

■ 55645B

■ 5F6461

■ 696467

Harmonies

Analogous

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



485E10



0F642F



006753

Triad

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



0F642F



005B9D



943838

Complementary

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



0F642F



640F44

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.



93345B



0F642F



514E95

Square

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



0F642F



006392



7E3F7C



85461A

Rectangle

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



0F642F



00676B



7E3F7C



963543

Sweetspot

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



0F642F



60826D



45640F



2E4235



C2C2C2



424242

Same Dimension

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



0F642F



008231



0F6459



2E3330



00732B



00F25B

Inverse Universe

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



640F44



820051



640F1A



332E31



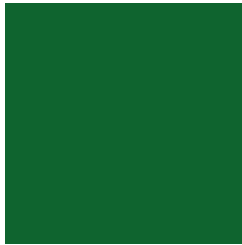
730048



F20097

Previews

White Background



This preview shows how the Hex color 0F642F looks on a white background.

Color Contrast Check

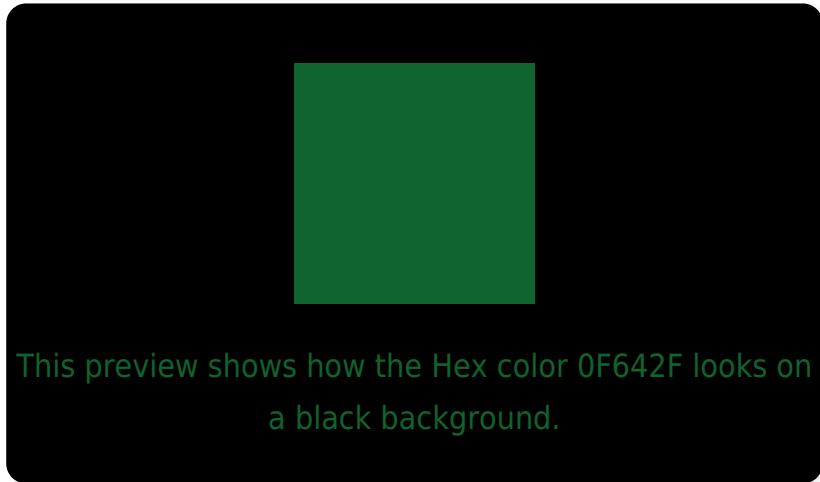
Large Text (above 18pt) WCAG AA ✓ Pass

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 0F642F Background



This preview shows how black text looks on a background with the Hex color 0F642F.



This preview shows how white text looks on a background with the Hex color 0F642F.

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
0F642F

Protanopia
5F562A

Deuteranopia
695234



Tritanopia
295E66

Trichromacy



Original Color

0F642F



Protanomaly

425B2C



Deuteranomaly

485932



Tritanomaly

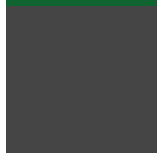
206052

Monochromacy



Original Color

0F642F



Achromatopsia

454545



Achromatomaly

31503D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F642F 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 #0F642F looks like.

```
.text, #text, p{  
  color:#0F642F  
}
```

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 #0F642F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F642F
}
```

Border

The CSS property to change the border of an element to Hex 0F642F 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
#0F642F }
```

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

```
.border{ border-color:#0F642F }
```

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

Here you see how a box with a 4 pixel #0F642F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F642F; -webkit-box-shadow:4px 4px  
4px 4px #0F642F; box-shadow:4px 4px 4px  
4px #0F642F }
```

Background

The CSS property to change the background color of an element to Hex 0F642F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F642F }
```

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

```
.background{ background-color:#0F642F }
```

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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