

Converting Colors

Hex(0E962F)

Have a look what the booklet for
Hex(0E962F) contains.

| | |
|--|----|
| Hex(0E962F) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(0E962F)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 0E962F |
| RGB | 14, 150, 47 |
| RGB Percent | 5%, 59%, 18% |
| CMY | 0.9451, 0.4118, 0.8157 |
| CMYK | 0.91, 0.00, 0.69, 0.41 |
| HSL | 135°, 83%, 32% |
| HSV | 135°, 91%, 59% |
| XYZ | 11.6005, 22.1113, 6.3458 |
| YIQ | 97.5940, -47.9930, -60.8650 |

Conversions

Conversions Part 2

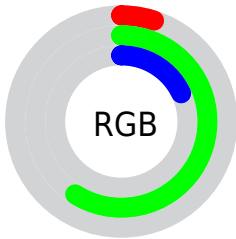
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 14, 123, 150 |
| Decimal | 955951 |
| CIELab | 54.14, -54.33, 43.40 |
| CIELCh | 54, 69.535, 141.384 |
| Yxy | 22.1113, 0.2896, 0.5520 |
| Android (android.graphics.Color) | 4279146031 (0xFF0E962F) |
| YUV | 97.5940, -24.9428, -73.3119 |
| Hunter-Lab | 47.0226, -38.2535, 24.9145 |

Details

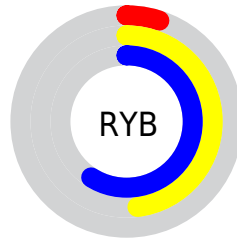
The Hex color **0E962F** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **960E75**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5ACD62**, and **006100** is the 20% darker color. If you saturate the color by 10%, you get **009624**, and if you desaturate by 10%, it is **1D963A**.

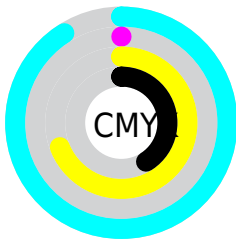
Distribution



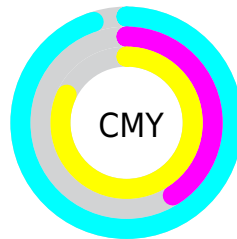
- Red (5%)
- Green (59%)
- Blue (18%)



- Red (5%)
- Yellow (48%)
- Blue (59%)



- Cyan (91%)
- Magenta (0%)
- Yellow (69%)
- Black (41%)



- Cyan (95%)
- Magenta (41%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E962F 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 0E962F by changing the saturation by 10% instead.

 0E962F

 0E962F

FFFFFF

 007B14

 5ACD62

 006100

 78EA7C

 004800

 95FF97

 003200

 B3FFB2

 001700

 D0FFCE

 000000

 EEFFEB

 0E962F

 0E962F

 009624

 1D963A

 2C9646

 3B9651

 4A965C

 599668

 689673

 77967F

 86968A

 959695

Harmonies

Analogous

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



738B00



0E962F



009B6E

Triad

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



0E962F



008EF9



EA425A

Complementary

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



0E962F



960E75

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.



E34095



0E962F



5679F2

Square

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



0E962F



0099DF



B85BCD



D45E21

Rectangle

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



0E962F



009C97



B85BCD



EB3D6D

Sweetspot

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



0E962F



8DC29A



76960E



426149



E0E0E0



616161

Same Dimension

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



0E962F



00C22F



0E9672



434A44



008A21



000A02

Inverse Universe

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



960E75



C20093



960E32



4A4348



8A0068



0A0008

Previews

White Background



This preview shows how the Hex color 0E962F looks on a white background.

Color Contrast Check

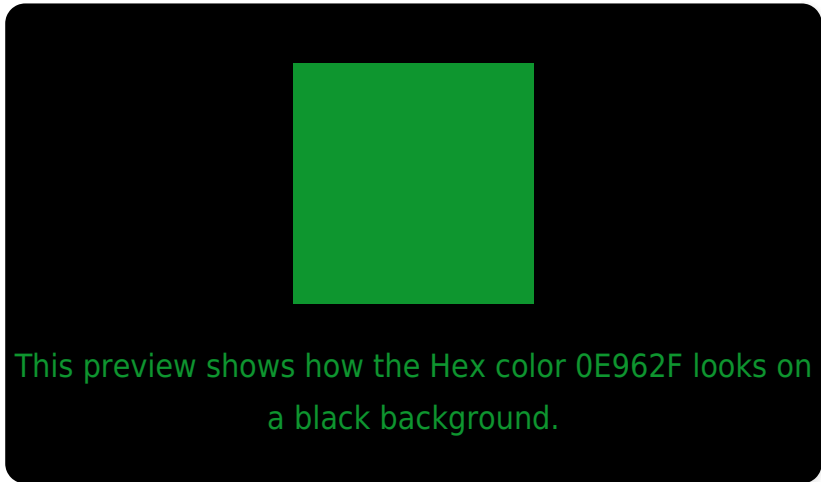
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 × Fail

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

Hex 0E962F Background



This preview shows how black text looks on a background with the Hex color 0E962F.



This preview shows how white text looks on a background with the Hex color 0E962F.

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
0E962F

Protanopia
908129

Deuteranopia
9F7A38



Tritanopia
3E8C98

Trichromacy



Original Color
0E962F



Protanomaly
61892B



Deuteranomaly
6A8435



Tritanomaly
2D9072

Monochromacy



Original Color
0E962F



Achromatopsia
626262



Achromatomaly
43754F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E962F 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 #0E962F looks like.

```
.text, #text, p{  
    color:#0E962F  
}
```

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 #0E962F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E962F
}
```

Border

The CSS property to change the border of an element to Hex 0E962F 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
#0E962F }
```

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

```
.border{ border-color:#0E962F }
```

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

Here you see how a box with a 4 pixel #0E962F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E962F; -webkit-box-shadow:4px 4px  
4px 4px #0E962F; box-shadow:4px 4px 4px  
4px #0E962F }
```

Background

The CSS property to change the background color of an element to Hex 0E962F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E962F }
```

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

```
.background{ background-color:#0E962F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor