

Converting Colors

Hex(0A672F)

Have a look what the booklet for
Hex(0A672F) contains.

Hex(0A672F)	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(0A672F)

Conversions

Conversions Part 1

Format	Color
Hex	0A672F
RGB	10, 103, 47
RGB Percent	4%, 40%, 18%
CMY	0.9608, 0.5961, 0.8157
CMYK	0.90, 0.00, 0.54, 0.60
HSL	144°, 82%, 22%
HSV	144°, 90%, 40%
XYZ	5.4885, 9.9703, 4.3245
YIQ	68.8090, -37.4520, -37.1320

Conversions

Conversions Part 2

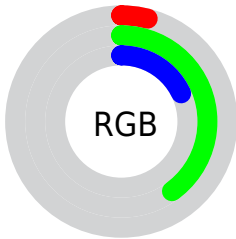
Format	Color
RYB	10, 77, 103
Decimal	681775
CIELab	37.79, -38.59, 24.50
CIELCh	38, 45.711, 147.586
Yxy	9.9703, 0.2774, 0.5040
Android (android.graphics.Color)	4278871855 (0xFF0A672F)
YUV	68.8090, -10.7518, -51.5755
Hunter-Lab	31.5757, -24.2305, 13.9828

Details

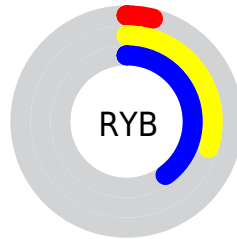
The Hex color **0A672F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **670A42**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **4A9B5E**, and **003600** is the 20% darker color. If you saturate the color by 10%, you get **006729**, and if you desaturate by 10%, it is **146735**.

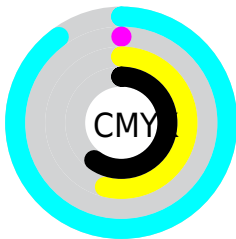
Distribution



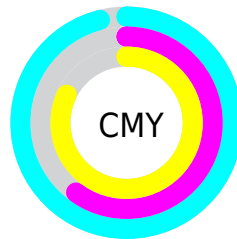
- Red (4%)
- Green (40%)
- Blue (18%)



- Red (4%)
- Yellow (30%)
- Blue (40%)



- Cyan (90%)
- Magenta (0%)
- Yellow (54%)
- Black (60%)



- Cyan (96%)
- Magenta (60%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A672F 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 0A672F by changing the saturation by 10% instead.



0A672F



0A672F

FFFFFF



004E19



4A9B5E



003600



65B677



002200



80D291



000000



9CEFAC



B8FFC8



D5FFE4



F2FFFF



0A672F



0A672F

■ 006729

■ 146735

■ 1F673B

■ 296742

■ 336748

■ 3D674E

■ 486754

■ 52675A

■ 5C6761

■ 676767

Harmonies

Analogous

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



49610D



0A672F



006A55

Triad

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



0A672F



005EA3



993939

Complementary

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



0A672F



670A42

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.



98345E



0A672F



52509B

Square

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



0A672F



006697



823F81



894719

Rectangle

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



0A672F



006A6E



823F81



9B3545

Sweetspot

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



0A672F



638771



43670A



2F4538



C4C4C4



454545

Same Dimension

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



0A672F



008736



0A675C



2E3330



00732E



00F260

Inverse Universe

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



670A42



870051



670A15



332E31



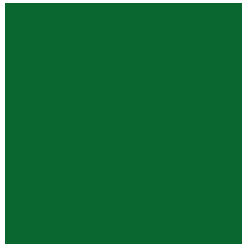
730045



F20092

Previews

White Background



This preview shows how the Hex color 0A672F looks on a white background.

Color Contrast Check

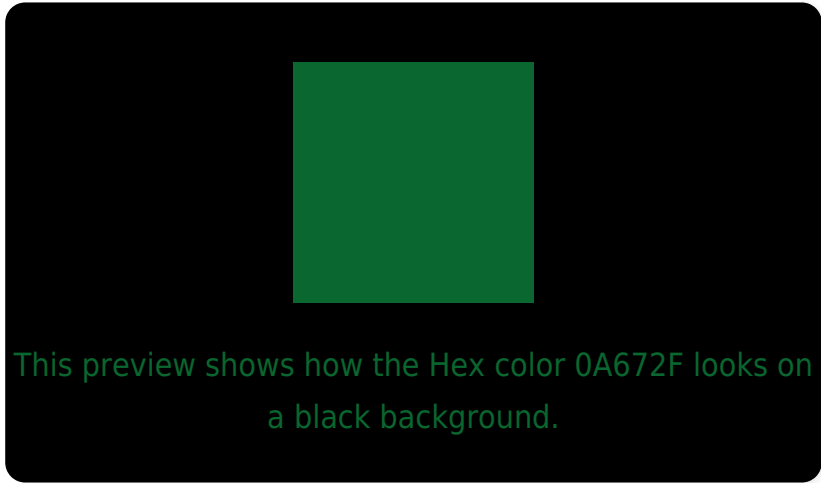
Large Text (above 18pt) WCAG AA ✓ Pass

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

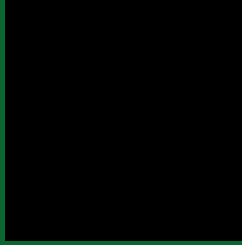
Any Text WCAG AA × Fail

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 0A672F Background



This preview shows how black text looks on a background with the Hex color 0A672F.



This preview shows how white text looks on a background with the Hex color 0A672F.

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
0A672F

Protanopia
62592A

Deuteranopia
6C5534



Tritanopia
296169

Trichromacy



Original Color
0A672F



Protanomaly
425E2C



Deuteranomaly
485C32



Tritanomaly
1E6354

Monochromacy



Original Color
0A672F



Achromatopsia
454545



Achromatomaly
30513D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A672F 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 #0A672F looks like.

```
.text, #text, p{  
    color:#0A672F  
}
```

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 #0A672F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A672F
}
```

Border

The CSS property to change the border of an element to Hex 0A672F 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
#0A672F }
```

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

```
.border{ border-color:#0A672F }
```

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

Here you see how a box with a 4 pixel #0A672F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A672F; -webkit-box-shadow:4px 4px  
4px 4px #0A672F; box-shadow:4px 4px 4px  
4px #0A672F }
```

Background

The CSS property to change the background color of an element to Hex 0A672F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A672F }
```

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

```
.background{ background-color:#0A672F }
```

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