

Converting Colors

Hex(0A681F)

Have a look what the booklet for
Hex(0A681F) contains.

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Color

Hex(0A681F)

Conversions

Conversions Part 1

Format	Color
Hex	0A681F
RGB	10, 104, 31
RGB Percent	4%, 41%, 12%
CMY	0.9608, 0.5922, 0.8784
CMYK	0.90, 0.00, 0.70, 0.59
HSL	133°, 82%, 22%
HSV	133°, 90%, 41%
XYZ	5.3228, 10.0641, 2.9583
YIQ	67.5720, -32.5910, -42.6310

Conversions

Conversions Part 2

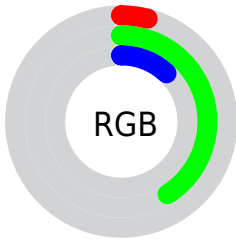
Format	Color
RYB	10, 87, 104
Decimal	682015
CIELab	37.96, -41.28, 32.90
CIELCh	38, 52.788, 141.441
Yxy	10.0641, 0.2901, 0.5486
Android (android.graphics.Color)	4278872095 (0xFF0A681F)
YUV	67.5720, -18.0300, -50.4906
Hunter-Lab	31.7239, -25.5672, 16.6778

Details

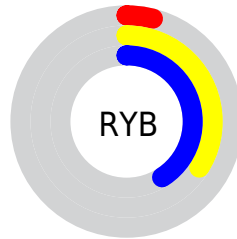
The Hex color **0A681F** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **680A53**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **4B9C4F**, and **003700** is the 20% darker color. If you saturate the color by 10%, you get **006817**, and if you desaturate by 10%, it is **146827**.

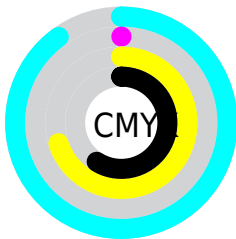
Distribution



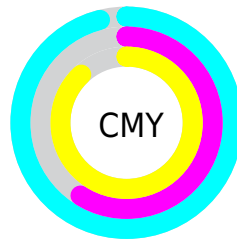
- Red (4%)
- Green (41%)
- Blue (12%)



- Red (4%)
- Yellow (34%)
- Blue (41%)



- Cyan (90%)
- Magenta (0%)
- Yellow (70%)
- Black (59%)



- Cyan (96%)
- Magenta (59%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A681F 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 0A681F by changing the saturation by 10% instead.

 0A681F

 0A681F

FFFFFF

 004F05

 4B9C4F

 003700

 67B768

 002300

 82D382

 000000

 9EF09C

 BAFFB7

 D6FFD3

 F4FFF0

 0A681F

 0A681F

■ 006817

■ 146827

■ 1F682F

■ 296837

■ 34683F

■ 3E6847

■ 48684F

■ 536858

■ 5D6860

■ 686868

Harmonies

Analogous

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



4F6000



0A681F



006C4B

Triad

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



0A681F



0062AE



A42D3D

Complementary

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



0A681F



680A53

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.



9F2B67



0A681F



3B53AA

Square

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



0A681F



006A9C



803E8F



944015

Rectangle

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



0A681F



006D69



803E8F



A4294B

Sweetspot

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



0A681F



63876B



54680A



2F4534



C4C4C4



454545

Same Dimension

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



0A681F



00871E



0A684D



2E332F



00731A



00F236

Inverse Universe

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



680A53



870069



680A25



332E32



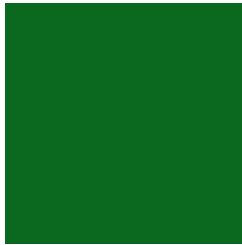
730059



F200BC

Previews

White Background



This preview shows how the Hex color 0A681F looks on a white background.

Color Contrast Check

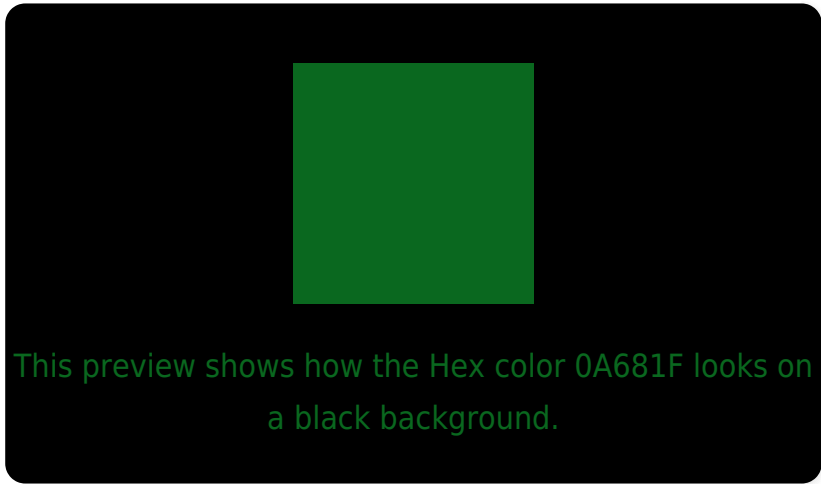
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

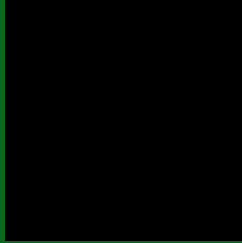
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 0A681F Background



This preview shows how black text looks on a background with the Hex color 0A681F.



This preview shows how white text looks on a background with the Hex color 0A681F.

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
0A681F

Protanopia
64591B

Deuteranopia
6F5526



Tritanopia
2B6169

Trichromacy



Original Color
0A681F



Protanomaly
435E1C



Deuteranomaly
4A5C23



Tritanomaly
1F644E

Monochromacy



Original Color
0A681F



Achromatopsia
444444



Achromatomaly
2F5137

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A681F 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 #0A681F looks like.

```
.text, #text, p{  
    color:#0A681F  
}
```

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 #0A681F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A681F
}
```

Border

The CSS property to change the border of an element to Hex 0A681F 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".

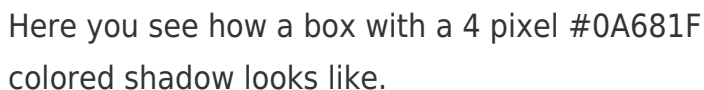
```
.border, #border, table{ border:4px solid
#0A681F }
```

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

```
.border{ border-color:#0A681F }
```

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

Here you see how a box with a 4 pixel #0A681F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A681F; -webkit-box-shadow:4px 4px  
4px 4px #0A681F; box-shadow:4px 4px 4px  
4px #0A681F }
```

Background

The CSS property to change the background color of an element to Hex 0A681F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A681F }
```

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

```
.background{ background-color:#0A681F }
```

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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