

Converting Colors

Hex(0A6719)

Have a look what the booklet for
Hex(0A6719) contains.

Hex(0A6719)	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(0A6719)

Conversions

Conversions Part 1

Format	Color
Hex	0A6719
RGB	10, 103, 25
RGB Percent	4%, 40%, 10%
CMY	0.9608, 0.5961, 0.9020
CMYK	0.90, 0.00, 0.76, 0.60
HSL	130°, 82%, 22%
HSV	130°, 90%, 40%
XYZ	5.1509, 9.8352, 2.5466
YIQ	66.3010, -30.3900, -43.9740

Conversions

Conversions Part 2

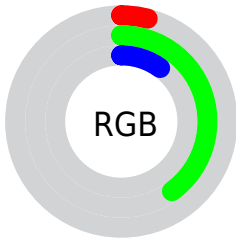
Format	Color
RYB	10, 90, 103
Decimal	681753
CIELab	37.55, -41.58, 35.12
CIELCh	38, 54.433, 139.815
Yxy	9.8352, 0.2938, 0.5610
Android (android.graphics.Color)	4278871833 (0xFF0A6719)
YUV	66.3010, -20.3614, -49.3760
Hunter-Lab	31.3611, -25.5644, 17.1383

Details

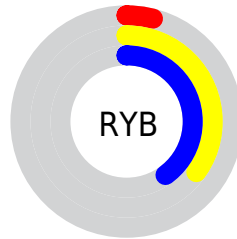
The Hex color **0A6719** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **670A58**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **4B9B4A**, and **003600** is the 20% darker color. If you saturate the color by 10%, you get **006711**, and if you desaturate by 10%, it is **146722**.

Distribution



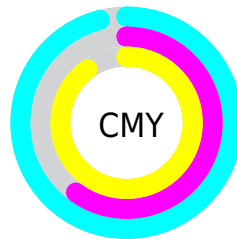
- Red (4%)
- Green (40%)
- Blue (10%)



- Red (4%)
- Yellow (35%)
- Blue (40%)



- Cyan (90%)
- Magenta (0%)
- Yellow (76%)
- Black (60%)



- Cyan (96%)
- Magenta (60%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A6719 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 0A6719 by changing the saturation by 10% instead.

 0A6719

 0A6719


FFFFFF

 004E00

 4B9B4A

 003600

 67B662

 002200

 82D27C

 000000

 9EEF97

 BAFFB2

 D7FFCD

 F4FFEA

 0A6719

 0A6719

■ 006711

■ 146722

■ 1F672A

■ 296733

■ 33673C

■ 3D6744

■ 48674D

■ 526755

■ 5C675E

■ 676767

Harmonies

Analogous

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



505F00



0A6719



006B47

Triad

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



0A6719



0062AF



A5283E

Complementary

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



0A6719



670A58

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.



9E2869



0A6719



3053AC

Square

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



0A6719



006A9B



7D3D92



963D13

Rectangle

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



0A6719



006C66



7D3D92



A5254C

Sweetspot

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



0A6719



638769



59670A



2F4532



C4C4C4



454545

Same Dimension

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



0A6719



008716



0A6746



2E332F



007313



00F227

Inverse Universe

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



670A58



870071



670A2B



332E32



730060



F200CB

Previews

White Background



This preview shows how the Hex color 0A6719 looks on a white background.

Color Contrast Check

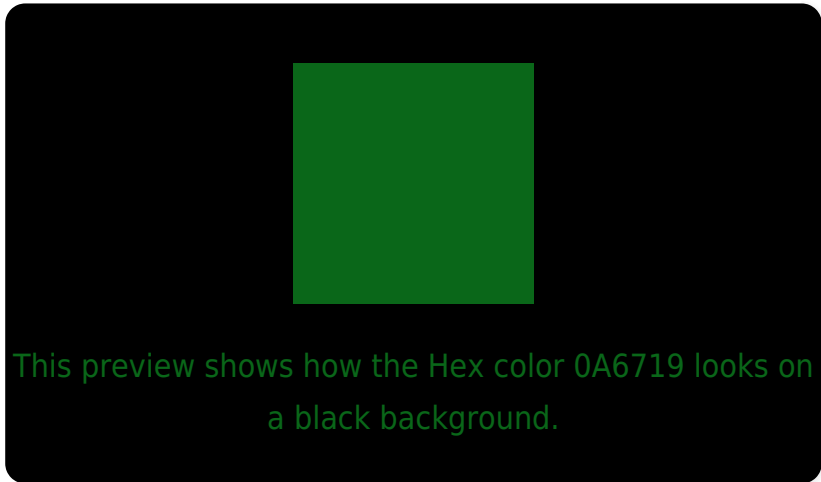
Large Text (above 18pt) WCAG AA ✓ Pass

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

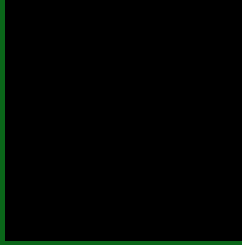
Any Text WCAG AA × Fail

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 0A6719 Background



This preview shows how black text looks on a background with the Hex color 0A6719.



This preview shows how white text looks on a background with the Hex color 0A6719.

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
0A6719

Protanopia
635815

Deuteranopia
6E5421



Tritanopia
2B6068

Trichromacy



Original Color
0A6719



Protanomaly
435D16



Deuteranomaly
4A5B1E

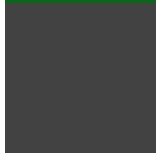


Tritanomaly
1F634B

Monochromacy



Original Color
0A6719



Achromatopsia
424242



Achromatomaly
2E4F33

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A6719 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 #0A6719 looks like.

```
.text, #text, p{  
    color:#0A6719  
}
```

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 #0A6719 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A6719
}
```

Border

The CSS property to change the border of an element to Hex 0A6719 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".

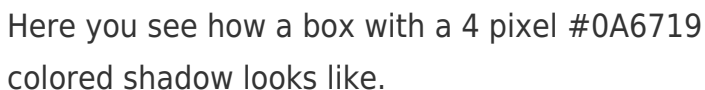
```
.border, #border, table{ border:4px solid
#0A6719 }
```

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

```
.border{ border-color:#0A6719 }
```

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

Here you see how a box with a 4 pixel #0A6719 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A6719; -webkit-box-shadow:4px 4px  
4px 4px #0A6719; box-shadow:4px 4px 4px  
4px #0A6719 }
```

Background

The CSS property to change the background color of an element to Hex 0A6719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A6719 }
```

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

```
.background{ background-color:#0A6719 }
```

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