

# Converting Colors

Hex(0A5C1E)

Have a look what the booklet for  
Hex(0A5C1E) contains.

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# Color

**Hex(0A5C1E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0A5C1E
RGB	10, 92, 30
RGB Percent	4%, 36%, 12%
CMY	0.9608, 0.6392, 0.8824
CMYK	0.89, 0.00, 0.67, 0.64
HSL	135°, 80%, 20%
HSV	135°, 89%, 36%
XYZ	4.1867, 7.8126, 2.5156
YIQ	60.4140, -28.9700, -36.6660

# Conversions

## Conversions Part 2

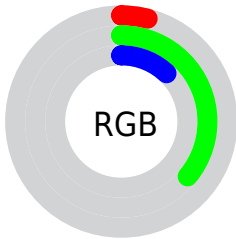
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 76, 92
Decimal	678942
CIELab	33.59, -37.17, 28.54
CIELCh	34, 46.857, 142.482
Yxy	7.8126, 0.2884, 0.5382
Android (android.graphics.Color)	4278869022 (0xFF0A5C1E)
YUV	60.4140, -14.9941, -44.2131
Hunter-Lab	27.9510, -22.1774, 14.2295

# Details

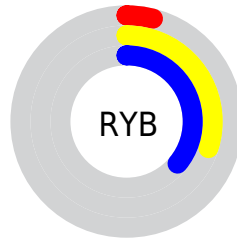
The Hex color **0A5C1E** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5C0A48**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **478F4D**, and **002D00** is the 20% darker color. If you saturate the color by 10%, you get **015C17**, and if you desaturate by 10%, it is **135C25**.

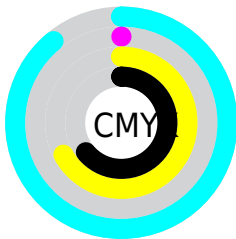
# Distribution



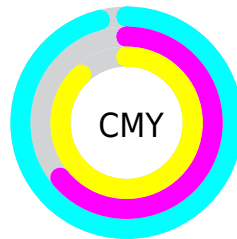
- Red (4%)
- Green (36%)
- Blue (12%)



- Red (4%)
- Yellow (30%)
- Blue (36%)



- Cyan (89%)
- Magenta (0%)
- Yellow (67%)
- Black (64%)



- Cyan (96%)
- Magenta (64%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A5C1E 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 0A5C1E by changing the saturation by 10% instead.



 0A5C1E

 0A5C1E

FFFFFF

 004406

 478F4D

 002D00

 62AA65

 001500

 7DC67F

 000000

 98E299

 B4FFB4

 D0FFD0

 EDFFE0

 0A5C1E

 0A5C1E

■ 015C17

■ 135C25

■ 005C16

■ 1C5C2C

■ 265C33

■ 2F5C3A

■ 385C41

■ 415C48

■ 4A5C4F

■ 545C56

■ 5D5C5D

# Harmonies

## Analogous

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



455500



0A5C1E



005F44

# Triad

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



0A5C1E



005699



902A35

# Complementary

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



0A5C1E



5C0A48

# 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.



8C285A



0A5C1E



394994

# Square

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



0A5C1E



005D8A



72377D



823A13

# Rectangle

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



0A5C1E



00605E



72377D



912741



# Sweetspot

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



0A5C1E



57785F



495C0A



2A3D2E



BDBDBD



3D3D3D



# Same Dimension

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



0A5C1E



00781D



0A5C46



292E2A



006E1B



00ED3A



# Inverse Universe

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



5C0A48



78005B



5C0A20



2E292D



6E0053

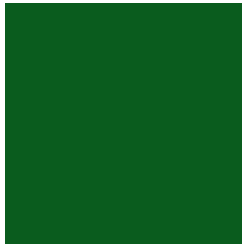


ED00B3



# Previews

## White Background



This preview shows how the Hex color 0A5C1E looks on a white background.

## Color Contrast Check

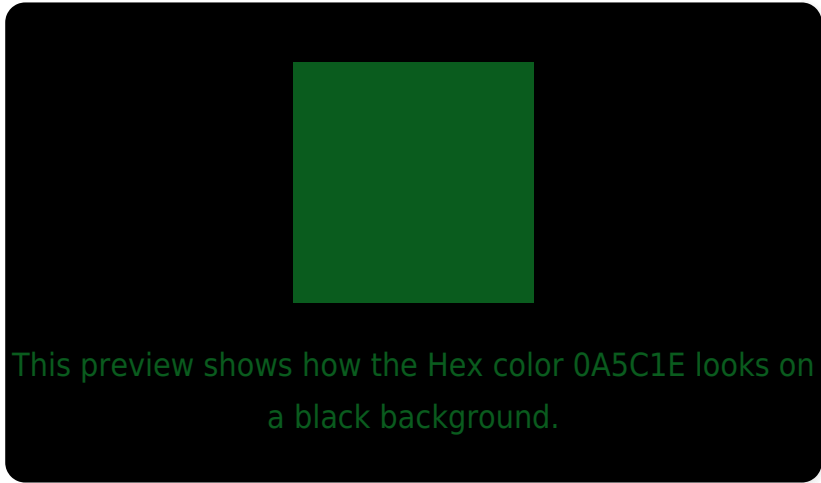
Large Text (above 18pt) WCAG AA ✓ Pass

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

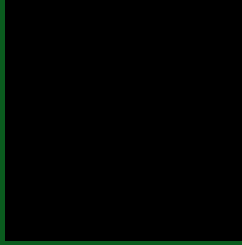
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A5C1E Background



This preview shows how black text looks on a background with the Hex color 0A5C1E.



This preview shows how white text looks on a background with the Hex color 0A5C1E.

# 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**  
0A5C1E

**Protanopia**  
584F1A

**Deuteranopia**  
624B24



# Trichromacy



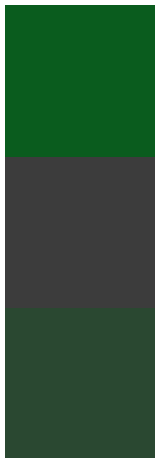
**Original Color**  
0A5C1E

**Protanomaly**  
3C541B

**Deuteranomaly**  
425122

**Tritanomaly**  
1C5846

# Monochromacy



**Original Color**  
0A5C1E

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
2A4831

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A5C1E 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 #0A5C1E looks like.

```
.text, #text, p{  
    color:#0A5C1E  
}
```

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 #0A5C1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A5C1E
}
```

## Border

The CSS property to change the border of an element to Hex 0A5C1E 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
#0A5C1E }
```

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

```
.border{ border-color:#0A5C1E }
```

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

Here you see how a box with a 4 pixel #0A5C1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A5C1E; -webkit-box-shadow:4px 4px  
4px 4px #0A5C1E; box-shadow:4px 4px 4px  
4px #0A5C1E }
```

# Background

The CSS property to change the background color of an element to Hex 0A5C1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A5C1E }
```

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

```
.background{ background-color:#0A5C1E }
```

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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