

Converting Colors

Hex(06931E)

Have a look what the booklet for
Hex(06931E) contains.

Hex(06931E)	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(06931E)

Conversions

Conversions Part 1

Format	Color
Hex	06931E
RGB	6, 147, 30
RGB Percent	2%, 58%, 12%
CMY	0.9765, 0.4235, 0.8824
CMYK	0.96, 0.00, 0.80, 0.42
HSL	130°, 92%, 30%
HSV	130°, 96%, 58%
XYZ	10.7432, 20.9999, 4.7155
YIQ	91.5030, -46.4790, -66.2790

Conversions

Conversions Part 2

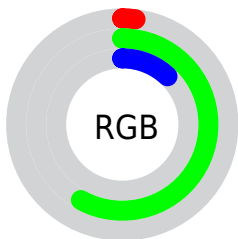
Format	Color
RYB	6, 126, 147
Decimal	430878
CIELab	52.95, -55.44, 48.64
CIELCh	53, 73.759, 138.738
Yxy	20.9999, 0.2947, 0.5760
Android (android.graphics.Color)	4278620958 (0xFF06931E)
YUV	91.5030, -30.3210, -74.9861
Hunter-Lab	45.8256, -38.3481, 25.9770

Details

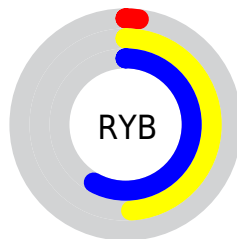
The Hex color **06931E** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **93067B**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **58CA54**, and **005F00** is the 20% darker color. If you saturate the color by 10%, you get **009319**, and if you desaturate by 10%, it is **15932A**.

Distribution



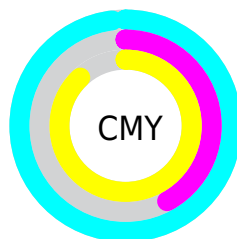
- Red (2%)
- Green (58%)
- Blue (12%)



- Red (2%)
- Yellow (49%)
- Blue (58%)



- Cyan (96%)
- Magenta (0%)
- Yellow (80%)
- Black (42%)



- Cyan (98%)
- Magenta (42%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06931E 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 06931E by changing the saturation by 10% instead.

 06931E

 06931E

FFFFFF

 007800

 58CA54

 005F00

 76E76E

 004600

 93FF89

 003000

 B1FFA4

 001200

 CEFFC0

 000000

 ECFFDC

 FFFFF9

 06931E

 06931E

■ 009319

■ 15932A

■ 239336

■ 329343

■ 41934F

■ 50935B

■ 5E9367

■ 6D9373

■ 7C9380

■ 8A938C

Harmonies

Analogous

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



748700



06931E



009963

Triad

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



06931E



008DFC



EC345A

Complementary

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



06931E



93067B

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.



E23599



06931E



3578F8

Square

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



06931E



0097DD



B158D3



D7551C

Rectangle

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



06931E



009A90



B158D3



EC2E6F

Sweetspot

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



06931E



88BF91



7B9306



3F6145



E0E0E0



616161

Same Dimension

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



06931E



00BF21



069364



434A44



008A17



000A02

Inverse Universe

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



93067B



BF009F



930635



4A4349



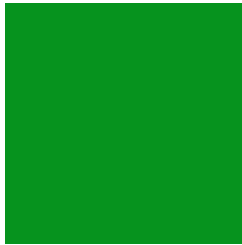
8A0072



0A0008

Previews

White Background



This preview shows how the Hex color 06931E looks on a white background.

Color Contrast Check

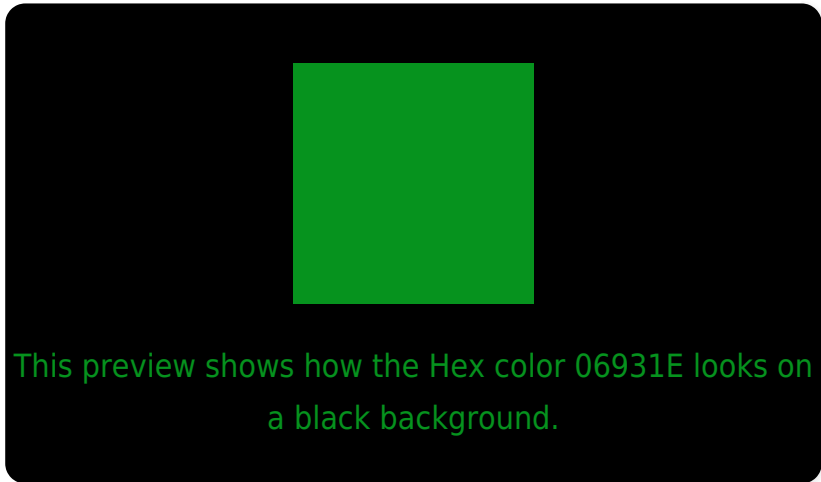
Large Text (above 18pt) WCAG AA ✓ Pass

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 06931E Background



This preview shows how black text looks on a background with the Hex color 06931E.



This preview shows how white text looks on a background with the Hex color 06931E.

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
06931E

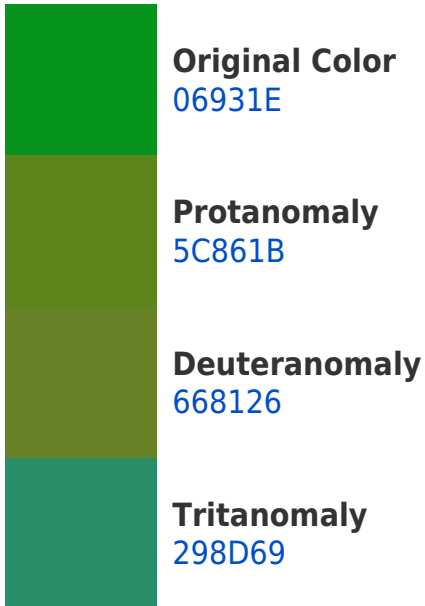
Protanopia
8D7E19

Deuteranopia
9D772B

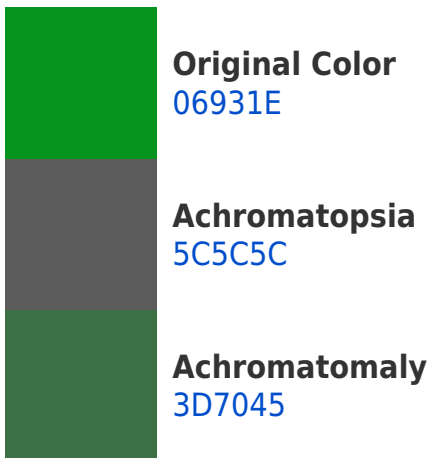


Tritanopia
3D8994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 06931E 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 #06931E looks like.

```
.text, #text, p{  
    color:#06931E  
}
```

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 #06931E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06931E
}
```

Border

The CSS property to change the border of an element to Hex 06931E 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
#06931E }
```

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

```
.border{ border-color:#06931E }
```

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

Here you see how a box with a 4 pixel #06931E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06931E; -webkit-box-shadow:4px 4px  
4px 4px #06931E; box-shadow:4px 4px 4px  
4px #06931E }
```

Background

The CSS property to change the background color of an element to Hex 06931E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06931E }
```

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

```
.background{ background-color:#06931E }
```

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