

Converting Colors

Hex(70931E)

Have a look what the booklet for
Hex(70931E) contains.

Hex(70931E)	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(70931E)

Conversions

Conversions Part 1

Format	Color
Hex	70931E
RGB	112, 147, 30
RGB Percent	44%, 58%, 12%
CMY	0.5608, 0.4235, 0.8824
CMYK	0.24, 0.00, 0.80, 0.42
HSL	78°, 66%, 35%
HSV	78°, 80%, 58%
XYZ	17.3502, 24.4059, 5.0247
YIQ	123.1970, 16.6970, -43.8070

Conversions

Conversions Part 2

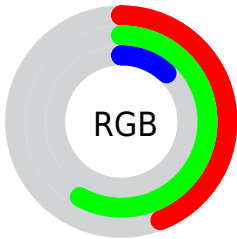
Format	Color
RYB	30, 147, 65
Decimal	7377694
CIELab	56.49, -28.83, 53.25
CIELCh	56, 60.553, 118.433
Yxy	24.4059, 0.3709, 0.5217
Android (android.graphics.Color)	4285567774 (0xFF70931E)
YUV	123.1970, -45.9461, -9.8198
Hunter-Lab	49.4023, -23.7647, 28.5513

Details

The Hex color **70931E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **411E93**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **A7C955**, and **3B6000** is the 20% darker color. If you saturate the color by 10%, you get **6C930F**, and if you desaturate by 10%, it is **74932D**.

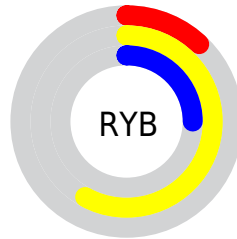
Distribution



Red (44%)

Green (58%)

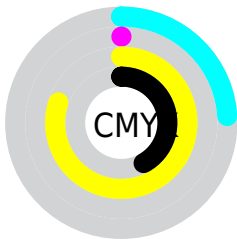
Blue (12%)



Red (12%)

Yellow (58%)

Blue (25%)

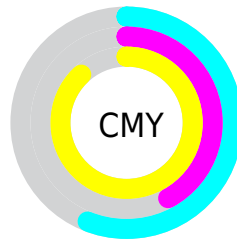


Cyan (24%)

Magenta (0%)

Yellow (80%)

Black (42%)



Cyan (56%)


Magenta (42%)


Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70931E 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 70931E by changing the saturation by 10% instead.

 70931E

 70931E


FFFFFF

 557900

 A7C955

 3B6000

 C3E56F

 214800

 E0FF8A

 003100

 FEFFA6

 001F00


 FFFFC2

 000000

 FFFFDE

 FFFFFB

 70931E

 70931E

■ 6C930F

■ 74932D

■ 679301

■ 79933B

■ 679300

■ 7D934A

■ 829359

■ 869367

■ 8A9376

■ 8F9385

■ 939394

■ 9893A2

Harmonies

Analogous

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



A48406



70931E



149C4D

Triad

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



70931E



009BE1



E3538D

Complementary

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



70931E



411E93

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.



C463BF



70931E



008FF1

Square

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



70931E



00A0B8



817BE5



E35A59

Rectangle

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



70931E



009F71



817BE5



DC569E

Sweetspot

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



70931E



B2BF91



933F1E



586145



E0E0E0



616161

Same Dimension

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



70931E



88BF08



37931E



484A43



618A00



070A00

Inverse Universe

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



411E93



3F08BF



7A1E93



45434A



29008A



03000A

Previews

White Background



This preview shows how the Hex color 70931E looks on a white background.

Color Contrast Check

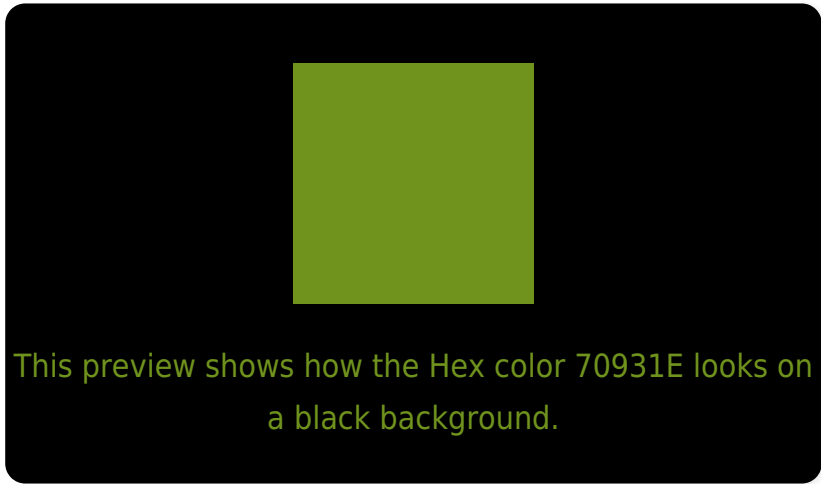
Large Text (above 18pt) WCAG AA ✓ Pass

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 70931E Background



This preview shows how black text looks on a background with the Hex color 70931E.



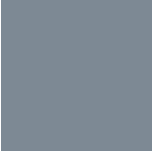
This preview shows how white text looks on a background with the Hex color 70931E.

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](#).

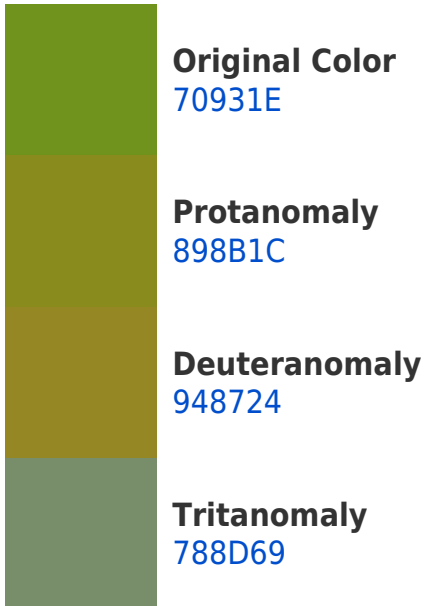
Dichromacy



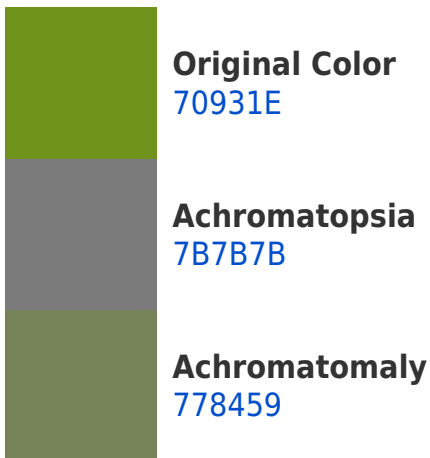


Tritanopia
7D8994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70931E 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 #70931E looks like.

```
.text, #text, p{  
    color:#70931E  
}
```

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 #70931E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70931E
}
```

Border

The CSS property to change the border of an element to Hex 70931E 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
#70931E }
```

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

```
.border{ border-color:#70931E }
```

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

Here you see how a box with a 4 pixel #70931E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70931E; -webkit-box-shadow:4px 4px  
4px 4px #70931E; box-shadow:4px 4px 4px  
4px #70931E }
```

Background

The CSS property to change the background color of an element to Hex 70931E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70931E }
```

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

```
.background{ background-color:#70931E }
```

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