

# Converting Colors

Hex(31921E)

Have a look what the booklet for  
Hex(31921E) contains.

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**Color**

**Hex(31921E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	31921E
RGB	49, 146, 30
RGB Percent	19%, 57%, 12%
CMY	0.8078, 0.4275, 0.8824
CMYK	0.66, 0.00, 0.79, 0.43
HSL	110°, 66%, 35%
HSV	110°, 79%, 57%
XYZ	11.7799, 21.3045, 4.7196
YIQ	103.7730, -20.5760, -56.6400

# Conversions

## Conversions Part 2

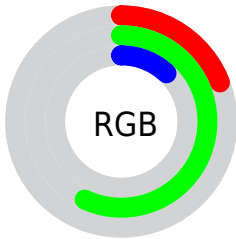
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 146, 127
Decimal	3248670
CIE <sub>Lab</sub>	53.28, -49.34, 49.19
CIE <sub>LCh</sub>	53, 69.672, 135.082
Yxy	21.3045, 0.3116, 0.5636
Android (android.graphics.Color)	4281438750 (0xFF31921E)
YUV	103.7730, -36.3701, -48.0359
Hunter-Lab	46.1568, -35.2187, 26.2472

# Details

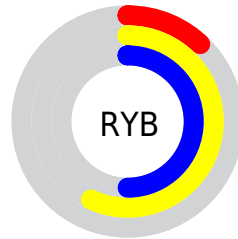
The Hex color **31921E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **7F1E92**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **6DC954**, and **005E00** is the 20% darker color. If you saturate the color by 10%, you get **25920F**, and if you desaturate by 10%, it is **3D922D**.

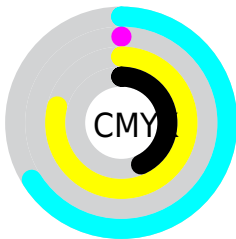
# Distribution



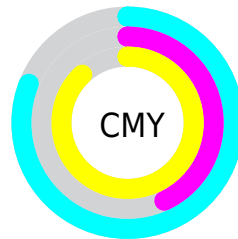
- Red (19%)
- Green (57%)
- Blue (12%)



- Red (12%)
- Yellow (57%)
- Blue (50%)



- Cyan (66%)
- Magenta (0%)
- Yellow (79%)
- Black (43%)



- Cyan (81%)
- Magenta (43%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 31921E 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 31921E by changing the saturation by 10% instead.





31921E



31921E

FFFFFF



027800



6DC954



005E00



89E56E



004500



A6FF89



002F00



C3FFA4



001400



E0FFC0



000000



FEFFDC



FFFFFFA



31921E



31921E

■ 25920F

■ 3D922D

■ 199201

■ 49923B

■ 189200

■ 56924A

■ 629258

■ 6E9267

■ 7A9276

■ 869284

■ 939293

■ 9F92A1

# Harmonies

## Analogous

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



7D8600



31921E



00985E

# Triad

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



31921E



008FF4



E83C64

# Complementary

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



31921E



7F1E92

# 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.



DA41A0



31921E



1F7CF4

# Square

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



31921E



0098D3



A760D5



D8552B

# Rectangle

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



31921E



009A88



A760D5



E73978



# Sweetspot

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



31921E



97BD8F



927F1E



475E43



DEDEDE



5E5E5E



# Same Dimension

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



31921E



27BD09



1E9245



444A43



178A00



020A00



# Inverse Universe

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



7F1E92



9F09BD



921E6B



49434A



73008A



09000A



# Previews

## White Background



This preview shows how the Hex color 31921E looks on a white background.

## Color Contrast Check

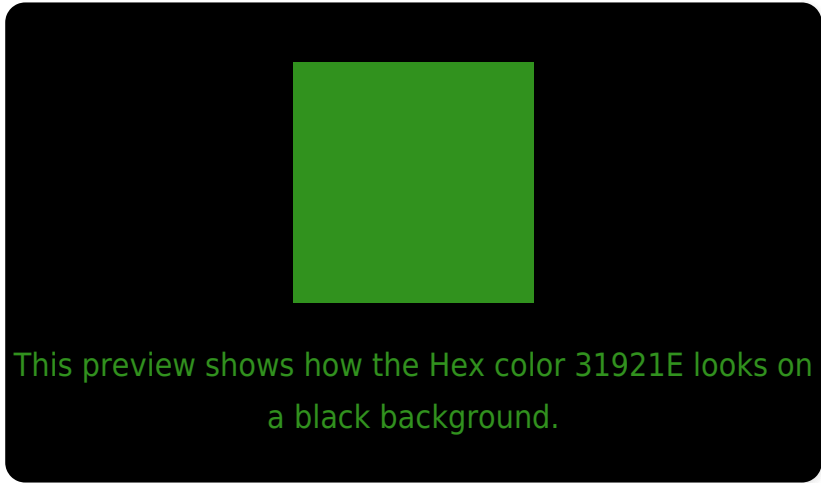
Large Text (above 18pt) WCAG AA ✓ Pass

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 31921E Background



This preview shows how black text looks on a background with the Hex color 31921E.

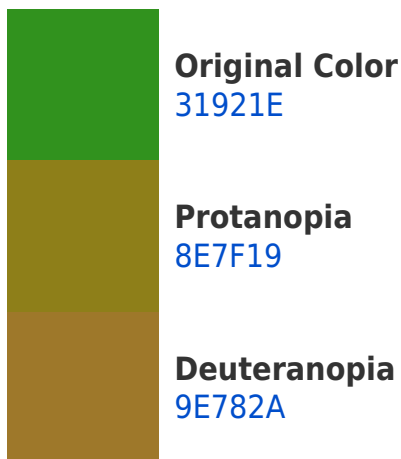


This preview shows how white text looks on a background with the Hex color 31921E.

# 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](#).

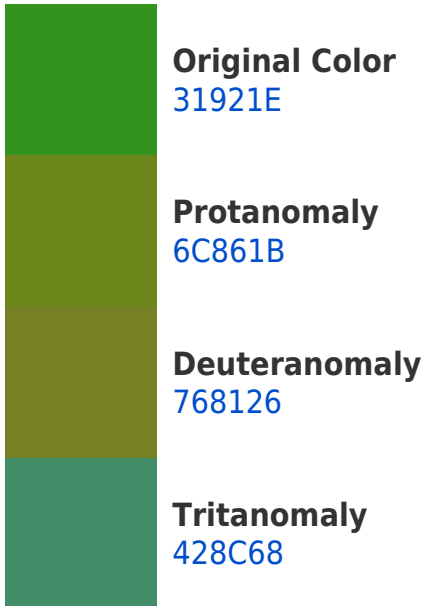
## Dichromacy





**Tritanopia**  
4C8893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 31921E 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 #31921E looks like.

```
.text, #text, p{  
    color:#31921E  
}
```

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 #31921E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31921E
}
```

## Border

The CSS property to change the border of an element to Hex 31921E 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
#31921E }
```

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

```
.border{ border-color:#31921E }
```

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

Here you see how a box with a 4 pixel #31921E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31921E; -webkit-box-shadow:4px 4px  
4px 4px #31921E; box-shadow:4px 4px 4px  
4px #31921E }
```

# Background

The CSS property to change the background color of an element to Hex 31921E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31921E }
```

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

```
.background{ background-color:#31921E }
```

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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