

Converting Colors

Hex(0BA31E)

Have a look what the booklet for
Hex(0BA31E) contains.

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Color

Hex(0BA31E)

Conversions

Conversions Part 1

Format	Color
Hex	0BA31E
RGB	11, 163, 30
RGB Percent	4%, 64%, 12%
CMY	0.9569, 0.3608, 0.8824
CMYK	0.93, 0.00, 0.82, 0.36
HSL	128°, 87%, 34%
HSV	128°, 93%, 64%
XYZ	13.4695, 26.3593, 5.6062
YIQ	102.3900, -47.8990, -73.5870

Conversions

Conversions Part 2

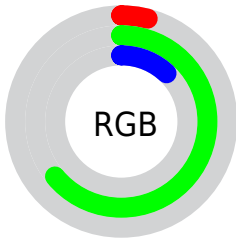
Format	Color
R_{YB}	11, 146, 163
Decimal	762654
CIE _{Lab}	58.38, -59.91, 53.83
CIE _{LCh}	58, 80.540, 138.059
Yxy	26.3593, 0.2965, 0.5802
Android (android.graphics.Color)	4278952734 (0xFF0BA31E)
YUV	102.3900, -35.6883, -80.1490
Hunter-Lab	51.3413, -43.0172, 29.4647

Details

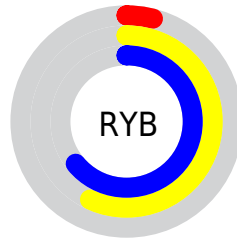
The Hex color **0BA31E** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A30B90**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **5EDB56**, and **006E00** is the 20% darker color. If you saturate the color by 10%, you get **00A314**, and if you desaturate by 10%, it is **1BA32C**.

Distribution



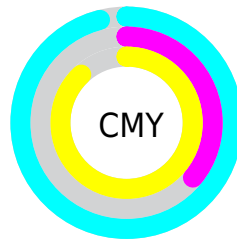
- Red (4%)
- Green (64%)
- Blue (12%)



- Red (4%)
- Yellow (57%)
- Blue (64%)



- Cyan (93%)
- Magenta (0%)
- Yellow (82%)
- Black (36%)



- Cyan (96%)
- Magenta (36%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BA31E 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 0BA31E by changing the saturation by 10% instead.



0BA31E



0BA31E

FFFFFF



008800



5EDB56



006E00



7DF871



005400



9BFF8C



003B00



B9FFA8



002400



D7FFC4



000000



F5FFE1

FFFFFFE



0BA31E



0BA31E

■ 00A314

■ 1BA32C

■ 2CA33B

■ 3CA349

■ 4CA357

■ 5DA365

■ 6DA374

■ 7DA382

■ 8DA390

■ 9EA39E

Harmonies

Analogous

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



829600



0BA31E



00A96D

Triad

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



0BA31E



009DFF



FF3865

Complementary

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



0BA31E



A30B90

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.



FA3AAC



0BA31E



2F86FF

Square

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



0BA31E



00A8F5



C362EC



EF5D20

Rectangle

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



0BA31E



00AB9E



C362EC



FF317D

Sweetspot

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



0BA31E



98D4A0



91A30B



476B4B



EBEBEB



6B6B6B

Same Dimension

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



0BA31E



00D41A



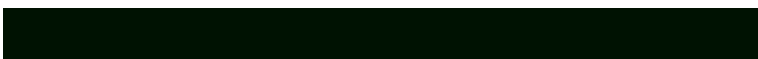
0BA369



49524A



009112



001202

Inverse Universe

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



A30B90



D400B9



A30B45



524951



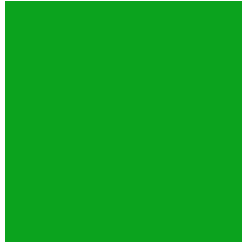
91007F



120010

Previews

White Background



This preview shows how the Hex color 0BA31E looks on a white background.

Color Contrast Check

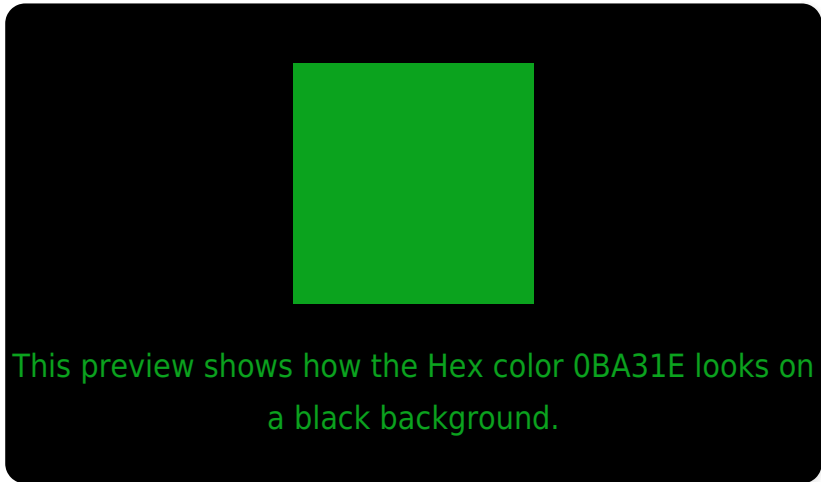
Large Text (above 18pt) WCAG AA ✓ Pass

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 0BA31E Background



This preview shows how black text looks on a background with the Hex color 0BA31E.



This preview shows how white text looks on a background with the Hex color 0BA31E.

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](#).

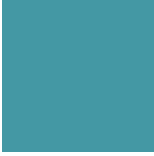
Dichromacy



Original Color
0BA31E

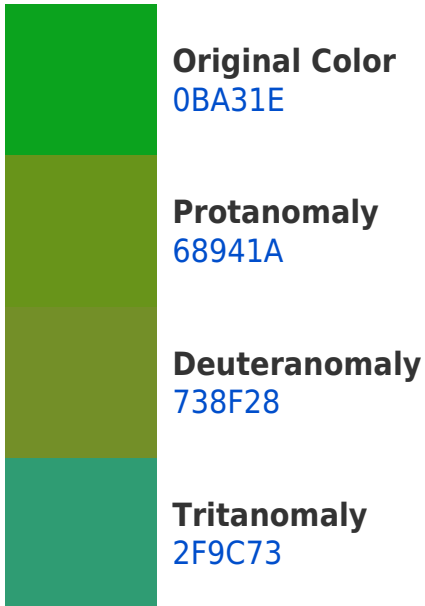
Protanopia
9D8C18

Deuteranopia
AE842D

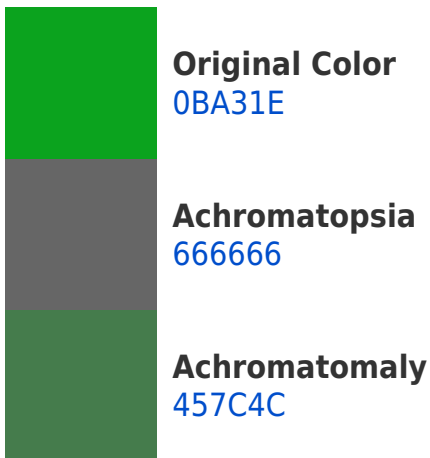


Tritanopia
4498A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0BA31E 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 #0BA31E looks like.

```
.text, #text, p{  
    color:#0BA31E  
}
```

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 #0BA31E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BA31E
}
```

Border

The CSS property to change the border of an element to Hex 0BA31E 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".

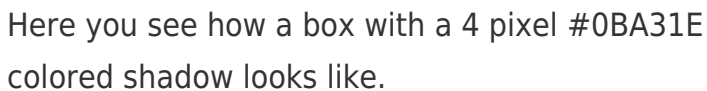
```
.border, #border, table{ border:4px solid
#0BA31E }
```

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

```
.border{ border-color:#0BA31E }
```

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

Here you see how a box with a 4 pixel #0BA31E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BA31E; -webkit-box-shadow:4px 4px  
4px 4px #0BA31E; box-shadow:4px 4px 4px  
4px #0BA31E }
```

Background

The CSS property to change the background color of an element to Hex 0BA31E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BA31E }
```

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

```
.background{ background-color:#0BA31E }
```

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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