

Converting Colors

Hex(6BE11D)

Have a look what the booklet for
Hex(6BE11D) contains.

Hex(6BE11D)	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(6BE11D)

Conversions

Conversions Part 1

Format	Color
Hex	6BE11D
RGB	107, 225, 29
RGB Percent	42%, 88%, 11%
CMY	0.5804, 0.1176, 0.8863
CMYK	0.52, 0.00, 0.87, 0.12
HSL	96°, 77%, 50%
HSV	96°, 87%, 88%
XYZ	33.2104, 57.0649, 10.4267
YIQ	167.3740, -7.4120, -85.9720

Conversions

Conversions Part 2

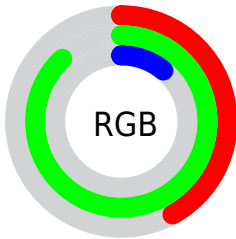
Format	Color
RYB	29, 225, 147
Decimal	7069981
CIELab	80.22, -62.56, 74.39
CIELCh	80, 97.197, 130.062
Yxy	57.0649, 0.3298, 0.5667
Android (android.graphics.Color)	4285260061 (0xFF6BE11D)
YUV	167.3740, -68.2184, -52.9480
Hunter-Lab	75.5413, -53.7230, 44.6954

Details

The Hex color **6BE11D** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **931DE1**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **A9FF60**, and **21A900** is the 20% darker color. If you saturate the color by 10%, you get **5DE107**, and if you desaturate by 10%, it is **79E134**.

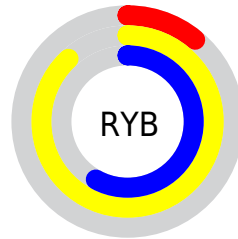
Distribution



Red (42%)

Green (88%)

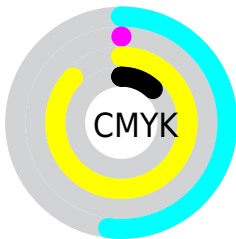
Blue (11%)



Red (11%)

Yellow (88%)

Blue (58%)

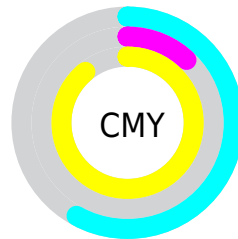


Cyan (52%)

Magenta (0%)

Yellow (87%)

Black (12%)



Cyan (58%)

Magenta (12%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BE11D 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 6BE11D by changing the saturation by 10% instead.

 6BE11D

 6BE11D

FFFFFF

 4AC400

 A9FF60

 21A900

 C7FF7E

 008D00

 E6FF9A

 007300

 FFFFB7

 005900

 FFFF5D

 004000

 FFFFF3

 002800

 000100

 000000

■ 6BE11D

■ 6BE11D

■ 5DE107

■ 79E134

■ 5AE100

■ 86E14A

■ 94E161

■ A1E177

■ AFE18E

■ BCE1A4

■ CAE1BB

■ D7E1D1

■ E5E1E8

Harmonies

Analogous

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



D3CD00



6BE11D



00EB85

Triad

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



6BE11D



00E2FF



FF5DAC

Complementary

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



6BE11D



931DE1

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.



FF6FFF



6BE11D



00C8FF

Square

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



6BE11D



00EDFF



EF9FFF



FF8055

Rectangle

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



6BE11D



00EFC4



EF9FFF



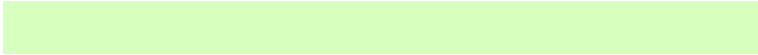
FF5CCB

Sweetspot

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



6BE11D



D7FFBD



E1931D



688058



000000



808080

Same Dimension

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



6BE11D



65FF00



1DE131



697065



46B000



133000

Inverse Universe

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



931DE1



9A00FF



E11DCD



6C6570



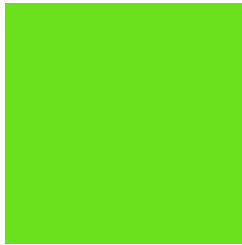
6A00B0



1D0030

Previews

White Background



This preview shows how the Hex color 6BE11D looks on a white 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

Black Background



This preview shows how the Hex color 6BE11D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

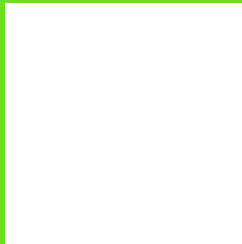
Any Text WCAG AAA ✓ Pass

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

Hex 6BE11D Background



This preview shows how black text looks on a background with the Hex color 6BE11D.

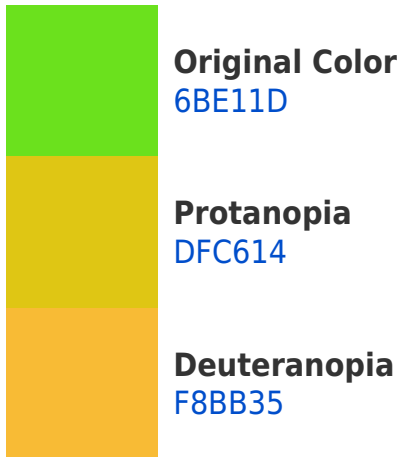


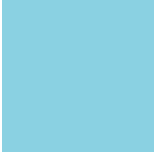
This preview shows how white text looks on a background with the Hex color 6BE11D.

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](#).

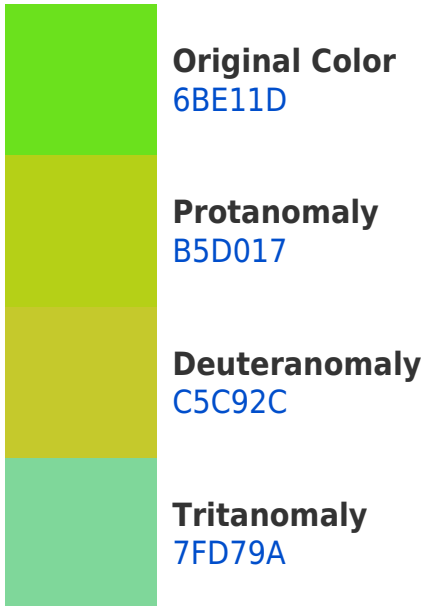
Dichromacy



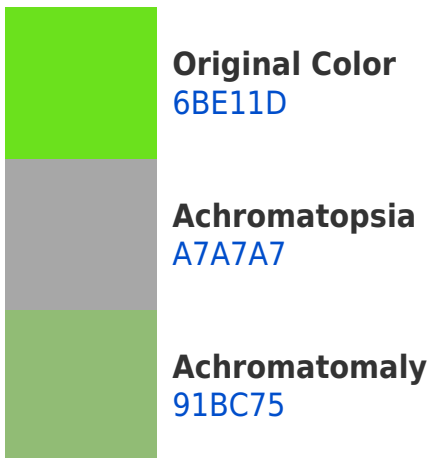


Tritanopia
8AD1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BE11D 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 #6BE11D looks like.

```
.text, #text, p{  
    color:#6BE11D  
}
```

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 #6BE11D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BE11D
}
```

Border

The CSS property to change the border of an element to Hex 6BE11D 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
#6BE11D }
```

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

```
.border{ border-color:#6BE11D }
```

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

Here you see how a box with a 4 pixel #6BE11D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BE11D; -webkit-box-shadow:4px 4px  
4px 4px #6BE11D; box-shadow:4px 4px 4px  
4px #6BE11D }
```

Background

The CSS property to change the background color of an element to Hex 6BE11D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BE11D }
```

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

```
.background{ background-color:#6BE11D }
```

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