

Converting Colors

Hex(60E313)

Have a look what the booklet for
Hex(60E313) contains.

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Color

Hex(60E313)

Conversions

Conversions Part 1

Format	Color
Hex	60E313
RGB	96, 227, 19
RGB Percent	38%, 89%, 7%
CMY	0.6235, 0.1098, 0.9255
CMYK	0.58, 0.00, 0.92, 0.11
HSL	98°, 85%, 48%
HSV	98°, 92%, 89%
XYZ	32.4105, 57.4720, 10.0011
YIQ	164.1190, -11.3080, -92.4600

Conversions

Conversions Part 2

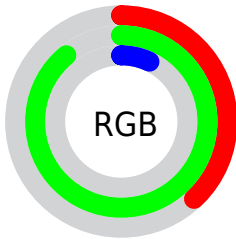
Format	Color
RYB	19, 227, 150
Decimal	6349587
CIELab	80.44, -66.39, 76.04
CIElCh	80, 100.949, 131.123
Yxy	57.4720, 0.3245, 0.5754
Android (android.graphics.Color)	4284539667 (0xFF60E313)
YUV	164.1190, -71.5437, -59.7404
Hunter-Lab	75.8103, -56.3555, 45.2455

Details

The Hex color **60E313** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **9613E3**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **9FFF5C**, and **00AA00** is the 20% darker color. If you saturate the color by 10%, you get **54E300**, and if you desaturate by 10%, it is **6EE32A**.

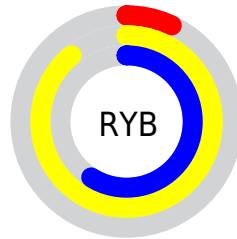
Distribution



Red (38%)

Green (89%)

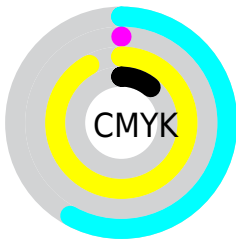
Blue (7%)



Red (7%)

Yellow (89%)

Blue (59%)

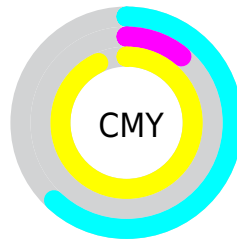


Cyan (58%)

Magenta (0%)

Yellow (92%)

Black (11%)



Cyan (62%)

Magenta (11%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60E313 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 60E313 by changing the saturation by 10% instead.

 60E313

 60E313

FFFFFF

 3CC600

 9FFF5C

 00AA00

 BEFF7A

 008F00

 DDF97

 007400

 FCFFB4

 005A00

 FFFFD1

 004100

 FFFFEE

 002900

 000300

 000000

■ 60E313

■ 60E313

■ 54E300

■ 6EE32A

■ 7DE340

■ 8BE357

■ 99E36E

■ A7E384

■ B6E39B

■ C4E3B2

■ D2E3C9

■ E1E3DF

Harmonies

Analogous

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



D0CF00



60E313



00ED86

Triad

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



60E313



00E3FF



FF55A9

Complementary

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



60E313



9613E3

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.



FF68FF



60E313



00C8FF

Square

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



60E313



00EFFF



F59CFF



FF7E4E

Rectangle

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



60E313



00F0C9



F59CFF



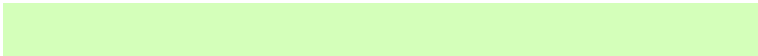
FF53C8

Sweetspot

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



60E313



D4FFBA



E39313



668057



000000



808080

Same Dimension

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



60E313



5EFF00



13E32B



6C7367



42B300



133300

Inverse Universe

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



9613E3



A100FF



E313CB



6F6773



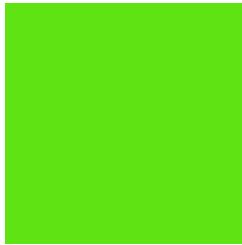
7000B3



200033

Previews

White Background



This preview shows how the Hex color 60E313 looks on a white background.

Color Contrast Check

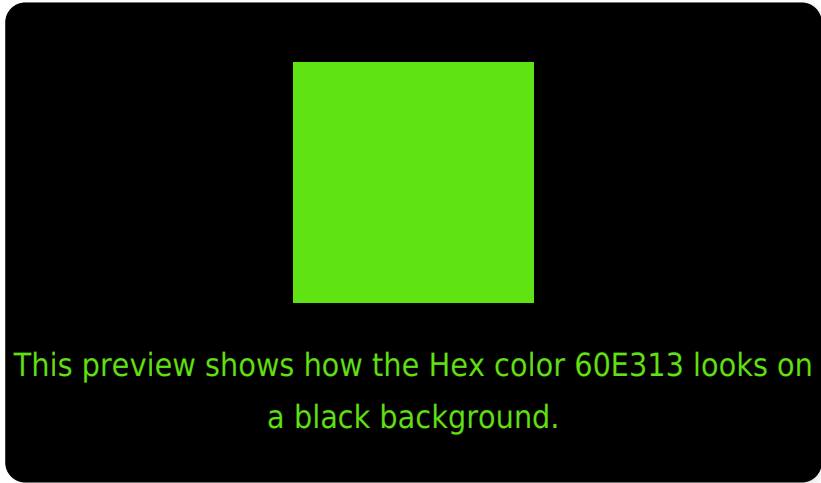
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

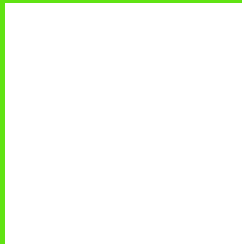
Any Text WCAG AAA ✓ Pass

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

Hex 60E313 Background



This preview shows how black text looks on a background with the Hex color 60E313.

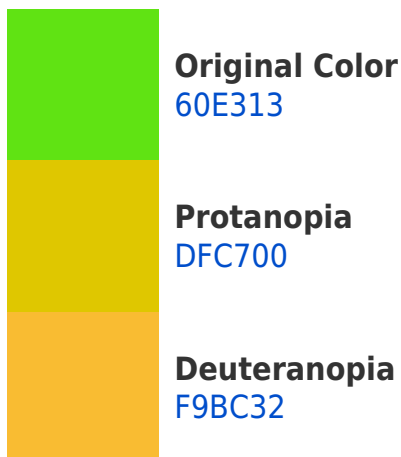


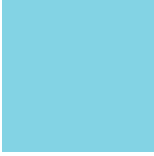
This preview shows how white text looks on a background with the Hex color 60E313.

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
83D3E4

Trichromacy



Original Color
60E313



Protanomaly
B1D107



Deuteranomaly
C1CA27

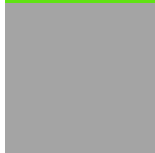


Tritanomaly
76D998

Monochromacy



Original Color
60E313



Achromatopsia
A4A4A4



Achromatomaly
8BBB6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 60E313 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 #60E313 looks like.

```
.text, #text, p{  
    color:#60E313  
}
```

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 #60E313 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60E313
}
```

Border

The CSS property to change the border of an element to Hex 60E313 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
#60E313 }
```

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

```
.border{ border-color:#60E313 }
```

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

Here you see how a box with a 4 pixel #60E313 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60E313; -webkit-box-shadow:4px 4px  
4px 4px #60E313; box-shadow:4px 4px 4px  
4px #60E313 }
```

Background

The CSS property to change the background color of an element to Hex 60E313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60E313 }
```

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

```
.background{ background-color:#60E313 }
```

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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