

Converting Colors

Hex(60E33A)

Have a look what the booklet for
Hex(60E33A) contains.

Hex(60E33A)	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(60E33A)

Conversions

Conversions Part 1

Format	Color
Hex	60E33A
RGB	96, 227, 58
RGB Percent	38%, 89%, 23%
CMY	0.6235, 0.1098, 0.7725
CMYK	0.58, 0.00, 0.74, 0.11
HSL	107°, 75%, 56%
HSV	107°, 74%, 89%
XYZ	33.0567, 57.7305, 13.4038
YIQ	168.5650, -23.8270, -80.3310

Conversions

Conversions Part 2

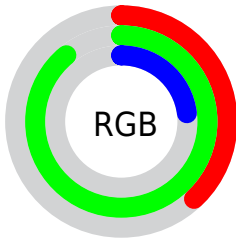
Format	Color
RYB	58, 227, 189
Decimal	6349626
CIELab	80.59, -64.71, 67.04
CIElCh	81, 93.175, 133.986
Yxy	57.7305, 0.3173, 0.5541
Android (android.graphics.Color)	4284539706 (0xFF60E33A)
YUV	168.5650, -54.5085, -63.6395
Hunter-Lab	75.9806, -55.3064, 42.7270

Details

The Hex color **60E33A** 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 **BD3AE3**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **9EFF74**, and **00AA00** is the 20% darker color. If you saturate the color by 10%, you get **4EE323**, and if you desaturate by 10%, it is **72E351**.

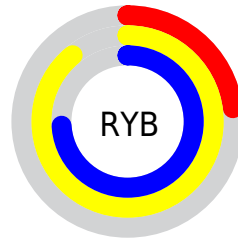
Distribution



Red (38%)

Green (89%)

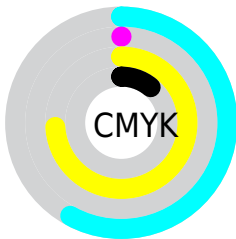
Blue (23%)



Red (23%)

Yellow (89%)

Blue (74%)

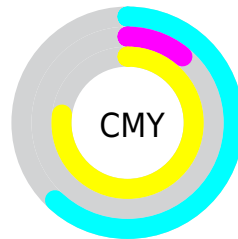


Cyan (58%)

Magenta (0%)

Yellow (74%)

Black (11%)



Cyan (62%)

Magenta (11%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60E33A 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 60E33A by changing the saturation by 10% instead.

 60E33A

 60E33A

FFFFFF

 3DC615

 9EFF74

 00AA00

 BDF90

 008F00

 DBFFAD

 007400

 FAFFC9

 005A00

 FFFFE7

 004100

 002900

 000400

 000000

 60E33A

 60E33A

 4EE323

 72E351

 3DE30D

 83E367

 33E300

 95E37E

 A6E395

 B8E3AB

 CAE3C2

 DBE3D9

 EDE3F0

 FEE3FF

Harmonies

Analogous

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



CAD100



60E33A



00EC95

Triad

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



60E33A



00DFFF



FF69A3

Complementary

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



60E33A



BD3AE3

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.



FF72FA



60E33A



3BC5FF

Square

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



60E33A



00ECFF



FE9DFF



FF8B51

Rectangle

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



60E33A



00EFD2



FE9DFF



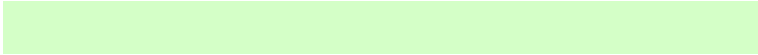
FF66C0

Sweetspot

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



60E33A



D4FFC7



E3BC3A



66805E



000000



808080

Same Dimension

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



60E33A



4FFF1C



3AE367



6A7367



28B300



0B3300

Inverse Universe

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



BD3AE3



CC1CFF



E33AB6



706773



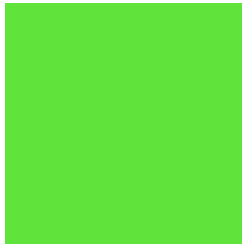
8A00B3



280033

Previews

White Background



This preview shows how the Hex color 60E33A looks on a white background.

Color Contrast Check

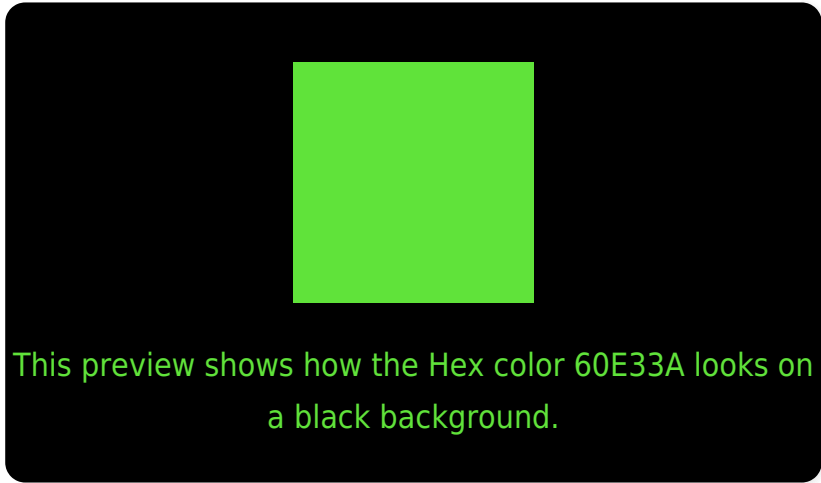
Large Text (above 18pt) WCAG AA × Fail

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

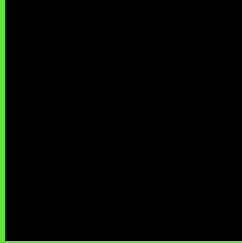
Any Text WCAG AA ✓ Pass

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 60E33A Background



This preview shows how black text looks on a background with the Hex color 60E33A.

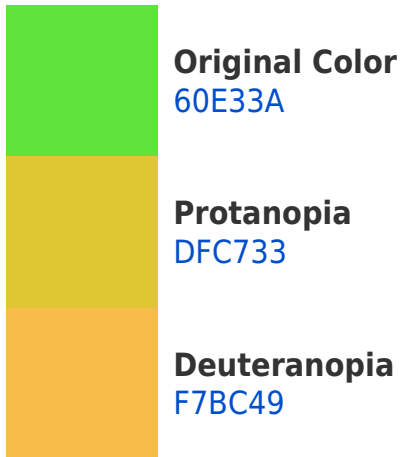


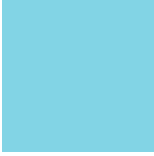
This preview shows how white text looks on a background with the Hex color 60E33A.

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](#).

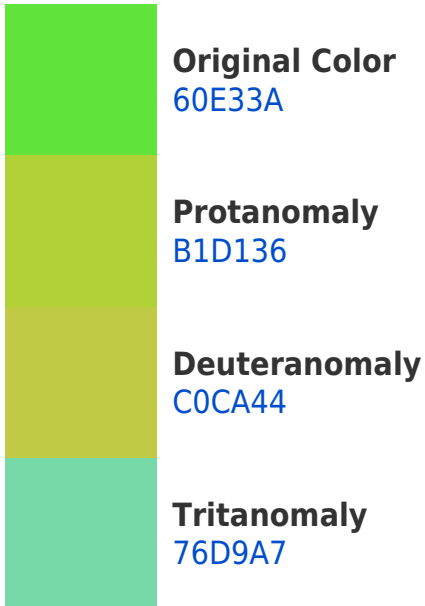
Dichromacy



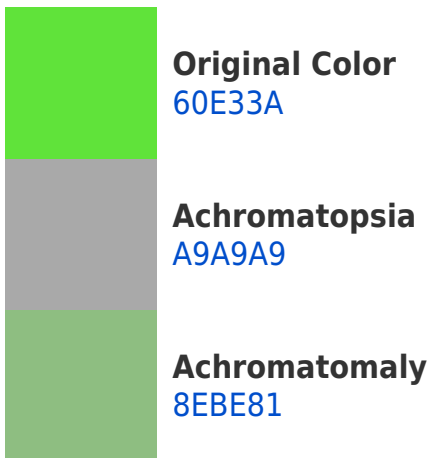


Tritanopia
82D4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 60E33A 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 #60E33A looks like.

```
.text, #text, p{  
    color:#60E33A  
}
```

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 #60E33A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60E33A
}
```

Border

The CSS property to change the border of an element to Hex 60E33A 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
#60E33A }
```

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

```
.border{ border-color:#60E33A }
```

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

Here you see how a box with a 4 pixel #60E33A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60E33A; -webkit-box-shadow:4px 4px  
4px 4px #60E33A; box-shadow:4px 4px 4px  
4px #60E33A }
```

Background

The CSS property to change the background color of an element to Hex 60E33A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60E33A }
```

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

```
.background{ background-color:#60E33A }
```

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