

# Converting Colors

Hex(62E03B)

Have a look what the booklet for  
Hex(62E03B) contains.

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**Color**

**Hex(62E03B)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 62E03B                       |
| RGB         | 98, 224, 59                  |
| RGB Percent | 38%, 88%, 23%                |
| CMY         | 0.6157, 0.1216, 0.7686       |
| CMYK        | 0.56, 0.00, 0.74, 0.12       |
| HSL         | 106°, 73%, 55%               |
| HSV         | 106°, 74%, 88%               |
| XYZ         | 32.4821, 56.2237, 13.2780    |
| YIQ         | 167.5160, -22.1310, -78.0270 |

# Conversions

## Conversions Part 2

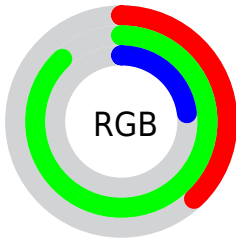
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 59, 224, 185                    |
| Decimal                             | 6479931                         |
| CIELab                              | 79.74, -63.10, 65.89            |
| CIELCh                              | 80, 91.234, 133.762             |
| Yxy                                 | 56.2237, 0.3185,<br>0.5513      |
| Android<br>(android.graphics.Color) | 4284670011<br>(0xFF62E03B)      |
| YUV                                 | 167.5160, -53.4984,<br>-60.9655 |
| Hunter-Lab                          | 74.9825, -53.8940,<br>41.9886   |

# Details

The Hex color **62E03B** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **B93BE0**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **A0FF74**, and **0CA800** is the 20% darker color. If you saturate the color by 10%, you get **51E025**, and if you desaturate by 10%, it is **73E051**.

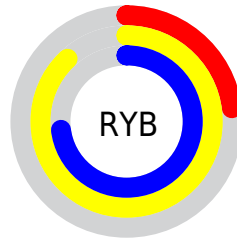
# Distribution



Red (38%)

Green (88%)

Blue (23%)



Red (23%)

Yellow (88%)

Blue (73%)

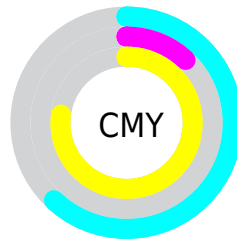


Cyan (56%)

Magenta (0%)

Yellow (74%)

Black (12%)



Cyan (62%)

Magenta (12%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62E03B 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 62E03B by changing the saturation by 10% instead.



 62E03B

 62E03B

FFFFFF

 40C318

 A0FF74

 0CA800

 BEFF91

 008C00

 DCFFAD

 007200

 FBFFCA

 005800

 FFFF E7

 003F00

 002700

 000000

 62E03B

 62E03B

 51E025

 73E051

 40E00E

 84E068

 35E000

 95E07E

 A6E095

 B8E0AB

 C9E0C1

 DAE0D8

 EBE0EE

 FCE0FF

# Harmonies

## Analogous

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



C8CE00



62E03B



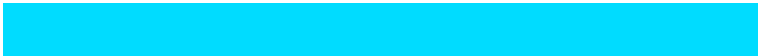
00E993

# Triad

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



62E03B



00DCFF



FF6AA2

# Complementary

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



62E03B



B93BE0

# 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.



FF73F7



62E03B



3DC3FF

# Square

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



62E03B



00E9FF



FA9CFF



FF8A52

# Rectangle

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



62E03B



00ECCE



FA9CFF



FF67BF

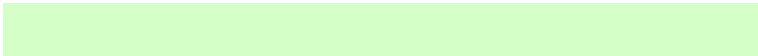


# Sweetspot

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



62E03B



D4FFC7



E0B73B



66805E



000000



808080



# Same Dimension

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



62E03B



54FF1F



3BE064



687065



2AB000



0B3000



# Inverse Universe

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



B93BE0



CA1FFF



E03BB7



6E6570



8600B0

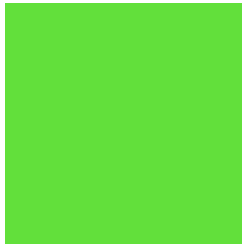


250030



# Previews

## White Background



This preview shows how the Hex color 62E03B looks on a white background.

## Color Contrast Check

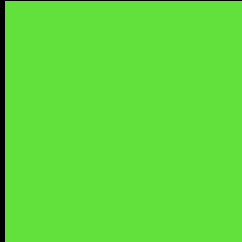
Large Text (above 18pt) WCAG AA × Fail

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 62E03B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

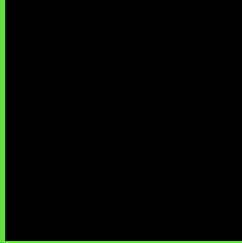
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

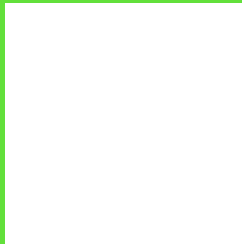
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 62E03B Background



This preview shows how black text looks on a background with the Hex color 62E03B.

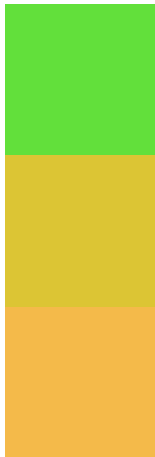


This preview shows how white text looks on a background with the Hex color 62E03B.

# 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](#).

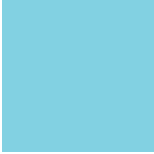
## Dichromacy



**Original Color**  
62E03B

**Protanopia**  
DCC534

**Deuteranopia**  
F4BA4A



**Tritanopia**  
82D1E2

# Trichromacy



**Original Color**  
62E03B



**Protanomaly**  
B0CF37



**Deuteranomaly**  
BFC845



**Tritanomaly**  
76D6A5

# Monochromacy



**Original Color**  
62E03B



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
8FBC80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62E03B 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 #62E03B looks like.

```
.text, #text, p{  
    color:#62E03B  
}
```

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 #62E03B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62E03B
}
```

## Border

The CSS property to change the border of an element to Hex 62E03B 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
#62E03B }
```

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

```
.border{ border-color:#62E03B }
```

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

Here you see how a box with a 4 pixel #62E03B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62E03B; -webkit-box-shadow:4px 4px  
4px 4px #62E03B; box-shadow:4px 4px 4px  
4px #62E03B }
```

# Background

The CSS property to change the background color of an element to Hex 62E03B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62E03B }
```

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

```
.background{ background-color:#62E03B }
```

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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