

# Converting Colors

Hex(60ED22)

Have a look what the booklet for  
Hex(60ED22) contains.

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**Color**

**Hex(60ED22)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60ED22
RGB	96, 237, 34
RGB Percent	38%, 93%, 13%
CMY	0.6235, 0.0706, 0.8667
CMYK	0.59, 0.00, 0.86, 0.07
HSL	102°, 85%, 53%
HSV	102°, 86%, 93%
XYZ	35.3968, 63.1707, 11.8409
YIQ	171.6990, -18.8730, -93.0250

# Conversions

## Conversions Part 2

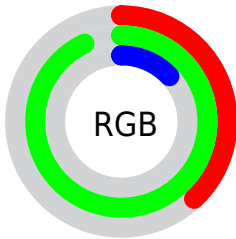
Format	Color
<a href="#">RYB</a>	<a href="#">34, 237, 175</a>
Decimal	<a href="#">6352162</a>
CIELab	<a href="#">83.53, -69.29, 76.14</a>
CIELCh	<a href="#">84, 102.948, 132.300</a>
Yxy	<a href="#">63.1707, 0.3206, 0.5722</a>
Android (android.graphics.Color)	<a href="#">4284542242 (0xFF60ED22)</a>
YUV	<a href="#">171.6990, -67.8856, -66.3880</a>
Hunter-Lab	<a href="#">79.4800, -59.5941, 46.8030</a>

# Details

The Hex color **60ED22** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **AF22ED**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **A1FF65**, and **00B400** is the 20% darker color. If you saturate the color by 10%, you get **50ED0A**, and if you desaturate by 10%, it is **70ED3A**.

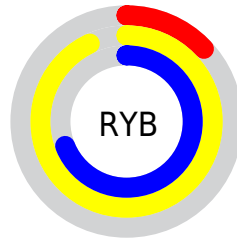
# Distribution



Red (38%)

Green (93%)

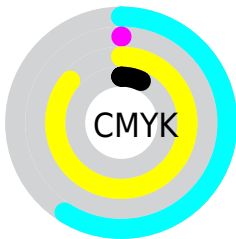
Blue (13%)



Red (13%)

Yellow (93%)

Blue (69%)

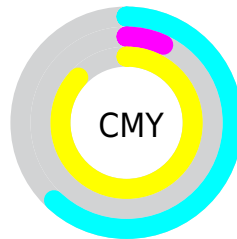


Cyan (59%)

Magenta (0%)

Yellow (86%)

Black (7%)



Cyan (62%)

Magenta (7%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60ED22 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 60ED22 by changing the saturation by 10% instead.



 60ED22

 60ED22

FFFFFF

 3AD000

 A1FF65

 00B400

 C0FF82

 009800

 DFFF9F

 007D00

 FEFFBD

 006300

 FFFFDA

 004900

 FFFFF8

 003100

 001500

 000000

 60ED22

 60ED22

 50ED0A

 70ED3A

 48ED00

 81ED51

 91ED69

 A2ED81

 B2ED98

 C3EDB0

 D3EDC8

 E4EDE0

 F4EDF7

# Harmonies

## Analogous

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



D5D800



60ED22



00F791

# Triad

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



60ED22



00EBFF



FF5DAD

# Complementary

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



60ED22



AF22ED

# 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.



FF6DFF



60ED22



00CFFF

# Square

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



60ED22



00F8FF



FFA2FF



FF8750

# Rectangle

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



60ED22



00FAD5



FFA2FF



FF5ACD

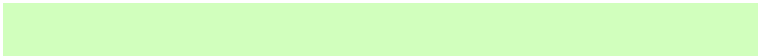


# Sweetspot

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



60ED22



D1FFBD



EDAD22



648058



000000



808080



# Same Dimension

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



60ED22



4EFF00



22ED47



6D756A



37B500



103600



# Inverse Universe

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



AF22ED



B100FF



ED22C8



726A75



7E00B5

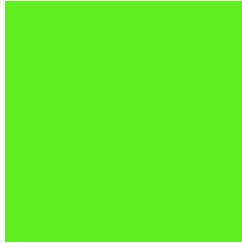


250036



# Previews

## White Background



This preview shows how the Hex color 60ED22 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 60ED22 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

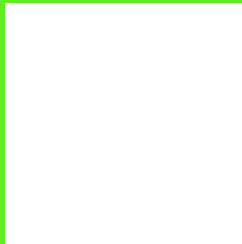
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 60ED22 Background



This preview shows how black text looks on a background with the Hex color 60ED22.

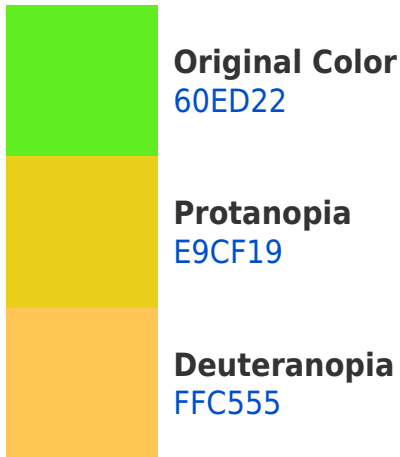


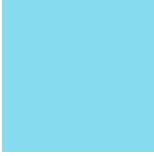
This preview shows how white text looks on a background with the Hex color 60ED22.

# 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](#).

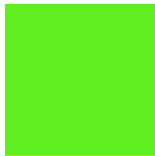
## Dichromacy





**Tritanopia**  
86DCEE

# Trichromacy



**Original Color**  
60ED22



**Protanomaly**  
B7DA1C



**Deuteranomaly**  
C5D442

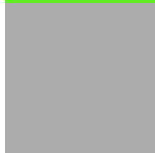


**Tritanomaly**  
78E2A4

# Monochromacy



**Original Color**  
60ED22



**Achromatopsia**  
ACACAC



**Achromatomaly**  
90C47A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60ED22 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 #60ED22 looks like.

```
.text, #text, p{  
    color:#60ED22  
}
```

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 #60ED22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60ED22
}
```

## Border

The CSS property to change the border of an element to Hex 60ED22 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
#60ED22 }
```

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

```
.border{ border-color:#60ED22 }
```

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

Here you see how a box with a 4 pixel #60ED22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60ED22; -webkit-box-shadow:4px 4px  
4px 4px #60ED22; box-shadow:4px 4px 4px  
4px #60ED22 }
```

# Background

The CSS property to change the background color of an element to Hex 60ED22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60ED22 }
```

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

```
.background{ background-color:#60ED22 }
```

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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