

# Converting Colors

Hex(71ED12)

Have a look what the booklet for  
Hex(71ED12) contains.

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**Color**

**Hex(71ED12)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 71ED12                      |
| RGB         | 113, 237, 18                |
| RGB Percent | 44%, 93%, 7%                |
| CMY         | 0.5569, 0.0706, 0.9294      |
| CMYK        | 0.52, 0.00, 0.92, 0.07      |
| HSL         | 94°, 86%, 50%               |
| HSV         | 94°, 92%, 93%               |
| XYZ         | 37.2034, 64.1228, 10.9884   |
| YIQ         | 174.9580, -3.6050, -94.3970 |

# Conversions

## Conversions Part 2

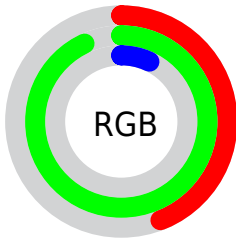
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">18, 237, 142</a>                 |
| Decimal                             | <a href="#">7466258</a>                      |
| CIELab                              | <a href="#">84.03, -65.41, 79.35</a>         |
| CIELCh                              | <a href="#">84, 102.835, 129.500</a>         |
| Yxy                                 | <a href="#">64.1228, 0.3312, 0.5709</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4285656338<br/>(0xFF71ED12)</a>  |
| YUV                                 | <a href="#">174.9580, -77.3803, -54.3372</a> |
| Hunter-Lab                          | <a href="#">80.0767, -57.2036, 47.9177</a>   |

# Details

The Hex color **71ED12** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **8E12ED**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **AFFF5E**, and **26B400** is the 20% darker color. If you saturate the color by 10%, you get **67ED00**, and if you desaturate by 10%, it is **7EED2A**.

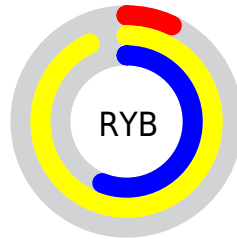
# Distribution



Red (44%)

Green (93%)

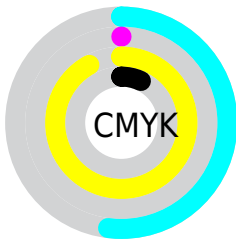
Blue (7%)



Red (7%)

Yellow (93%)

Blue (56%)

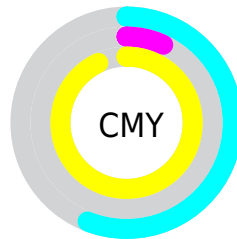


Cyan (52%)

Magenta (0%)

Yellow (92%)

Black (7%)



Cyan (56%)

Magenta (7%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71ED12 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 71ED12 by changing the saturation by 10% instead.



 71ED12

 71ED12

FFFFFF

 50D000

 AFFF5E

 26B400

 CEFF7C

 009800

 EDFF99

 007D00

 FFFFB7

 006300

 FFFFD4

 004A00

 FFFFF2

 003300

 001700

 000000

 71ED12

 71ED12

 67ED00

 7EED2A

 8CED41

 99ED59

 A7ED71

 B4ED88

 C2EDA0

 CFEDB8

 DCEDD0

 EAEDE7

# Harmonies

## Analogous

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



DFD700



71ED12



00F889

# Triad

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



71ED12



00EEFF



FF5EB7

# Complementary

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



71ED12



8E12ED

# 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.



FF73FF



71ED12



00D4FF

# Square

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



71ED12



00FAFF



F9A8FF



FF845A

# Rectangle

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



71ED12



00FCCD



F9A8FF



FF5DD8

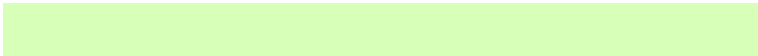


# Sweetspot

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



71ED12



D7FFB8



ED8A12



678054



000000



808080



# Same Dimension

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



71ED12



6FFF00



12ED1D



6F756A



4FB500



173600



# Inverse Universe

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



8E12ED



9000FF



ED12E2



706A75



6700B5

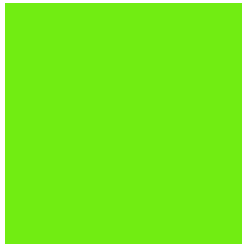


1E0036



# Previews

## White Background



This preview shows how the Hex color 71ED12 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 71ED12 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

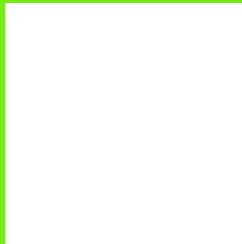
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 71ED12 Background



This preview shows how black text looks on a background with the Hex color 71ED12.

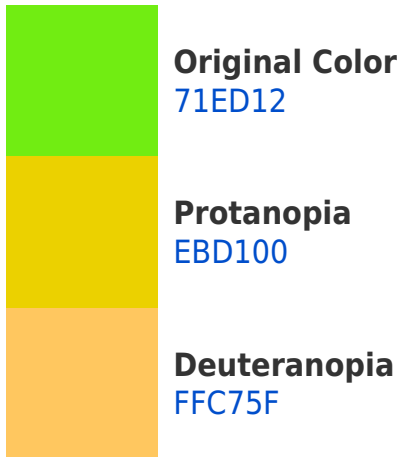


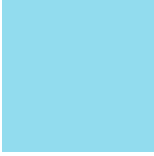
This preview shows how white text looks on a background with the Hex color 71ED12.

# 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](#).

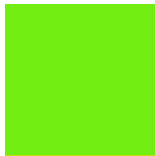
## Dichromacy





**Tritanopia**  
92DCEE

# Trichromacy



**Original Color**  
71ED12



**Protanomaly**  
BFDB07

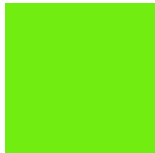


**Deuteranomaly**  
CBD543

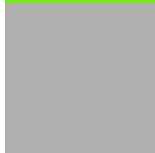


**Tritanomaly**  
86E29E

# Monochromacy



**Original Color**  
71ED12



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
98C676

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71ED12 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 #71ED12 looks like.

```
.text, #text, p{  
    color:#71ED12  
}
```

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 #71ED12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71ED12
}
```

## Border

The CSS property to change the border of an element to Hex 71ED12 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
#71ED12 }
```

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

```
.border{ border-color:#71ED12 }
```

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

Here you see how a box with a 4 pixel #71ED12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71ED12; -webkit-box-shadow:4px 4px  
4px 4px #71ED12; box-shadow:4px 4px 4px  
4px #71ED12 }
```

# Background

The CSS property to change the background color of an element to Hex 71ED12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71ED12 }
```

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

```
.background{ background-color:#71ED12 }
```

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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