

Converting Colors

Hex(71D50D)

Have a look what the booklet for
Hex(71D50D) contains.

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Color

Hex(71D50D)

Conversions

Conversions Part 1

Format	Color
Hex	71D50D
RGB	113, 213, 13
RGB Percent	44%, 84%, 5%
CMY	0.5569, 0.1647, 0.9490
CMYK	0.47, 0.00, 0.94, 0.16
HSL	90°, 88%, 44%
HSV	90°, 94%, 84%
XYZ	30.6769, 51.1283, 8.6327
YIQ	160.3000, 4.6000, -83.4000

Conversions

Conversions Part 2

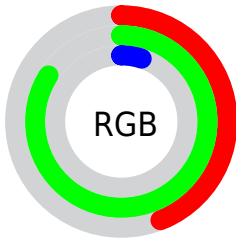
Format	Color
RYB	13, 213, 113
Decimal	7460109
CIELab	76.76, -56.84, 74.01
CIElCh	77, 93.314, 127.526
Yxy	51.1283, 0.3392, 0.5653
Android (android.graphics.Color)	4285650189 (0xFF71D50D)
YUV	160.3000, -72.6189, -41.4821
Hunter-Lab	71.5040, -48.5513, 42.8948

Details

The Hex color **71D50D** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **710DD5**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **ADFF58**, and **2F9D00** is the 20% darker color. If you saturate the color by 10%, you get **6BD500**, and if you desaturate by 10%, it is **7CD522**.

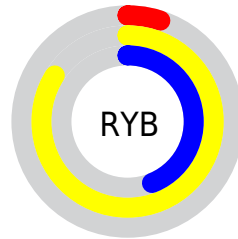
Distribution



Red (44%)

Green (84%)

Blue (5%)



Red (5%)

Yellow (84%)

Blue (44%)

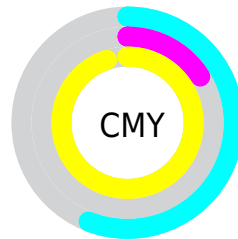


Cyan (47%)

Magenta (0%)

Yellow (94%)

Black (16%)



Cyan (56%)

Magenta (16%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71D50D 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 71D50D by changing the saturation by 10% instead.

 71D50D

 71D50D

FFFFFF

 52B900

 ADF58

 2F9D00

 CBFF75

 008300

 E9FF92

 006900

 FFFF92

 004F00

 FFFFCC

 003700

 FFFFEE

 001F00

 000000

 71D50D

 71D50D

 6BD500

 7CD522

 86D538

 91D54D

 9CD562

 A6D578

 B1D58D

 BCD5A2

 C6D5B7

 D1D5CD

Harmonies

Analogous

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



D0C100



71D50D



00E077

Triad

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



71D50D



00D8FF



FF58AB

Complementary

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



71D50D



710DD5

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.



FF6EFF



71D50D



00C1FF

Square

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



71D50D



00E2FF



D99BFF



FF7658

Rectangle

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



71D50D



00E3B3



D99BFF



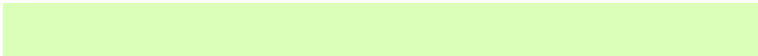
FF59C8

Sweetspot

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



71D50D



DBFFB8



D5710D



6A8054



000000



808080

Same Dimension

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



71D50D



80FF00



0DD50D



666B60



55AB00



162B00

Inverse Universe

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



710DD5



8000FF



D50DD5



66606B



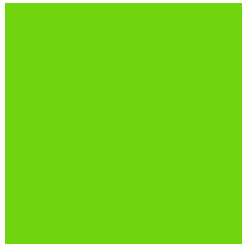
5500AB



16002B

Previews

White Background



This preview shows how the Hex color 71D50D looks on a white background.

Color Contrast Check

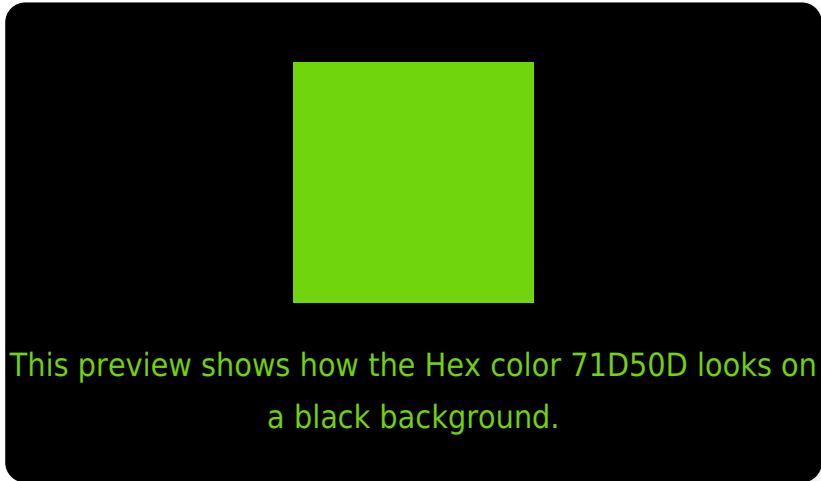
Large Text (above 18pt) WCAG AA × Fail

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 71D50D Background



This preview shows how black text looks on a background with the Hex color 71D50D.

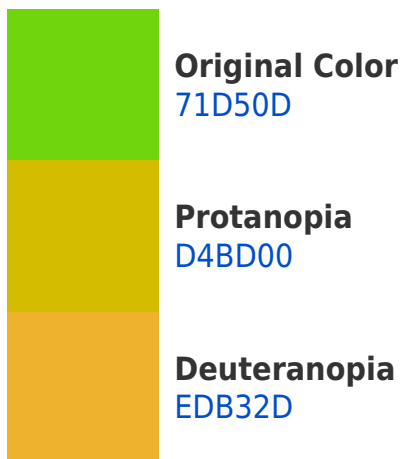


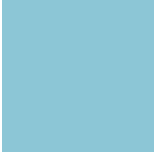
This preview shows how white text looks on a background with the Hex color 71D50D.

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
8CC6D6

Trichromacy



Original Color

71D50D



Protanomaly

B0C605



Deuteranomaly

C0BF21



Tritanomaly

82CB8D

Monochromacy



Original Color

71D50D



Achromatopsia

A0A0A0



Achromatomaly

8FB36B

CSS Examples

Text

The CSS property to change the color of the text to Hex 71D50D 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 #71D50D looks like.

```
.text, #text, p{  
    color:#71D50D  
}
```

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 #71D50D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71D50D
}
```

Border

The CSS property to change the border of an element to Hex 71D50D 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
#71D50D }
```

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

```
.border{ border-color:#71D50D }
```

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

Here you see how a box with a 4 pixel #71D50D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71D50D; -webkit-box-shadow:4px 4px  
4px 4px #71D50D; box-shadow:4px 4px 4px  
4px #71D50D }
```

Background

The CSS property to change the background color of an element to Hex 71D50D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71D50D }
```

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

```
.background{ background-color:#71D50D }
```

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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