

Converting Colors

Hex(71DC50)

Have a look what the booklet for
Hex(71DC50) contains.

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Color

Hex(71DC50)

Conversions

Conversions Part 1

Format	Color
Hex	71DC50
RGB	113, 220, 80
RGB Percent	44%, 86%, 31%
CMY	0.5569, 0.1373, 0.6863
CMYK	0.49, 0.00, 0.64, 0.14
HSL	106°, 67%, 59%
HSV	106°, 64%, 86%
XYZ	33.8512, 55.2763, 16.4747
YIQ	172.0470, -18.8320, -66.2240

Conversions

Conversions Part 2

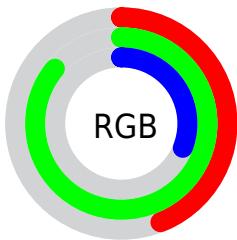
Format	Color
RYB	80, 220, 187
Decimal	7461968
CIELab	79.20, -55.93, 57.56
CIELCh	79, 80.260, 134.174
Yxy	55.2763, 0.3206, 0.5234
Android (android.graphics.Color)	4285652048 (0xFF71DC50)
YUV	172.0470, -45.3792, -51.7842
Hunter-Lab	74.3480, -48.8367, 38.9056

Details

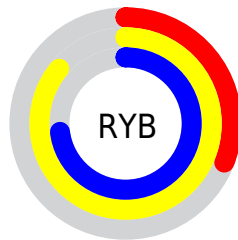
The Hex color **71DC50** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **BB50DC**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **ACFF86**, and **31A413** is the 20% darker color. If you saturate the color by 10%, you get **60DC3A**, and if you desaturate by 10%, it is **82DC66**.

Distribution



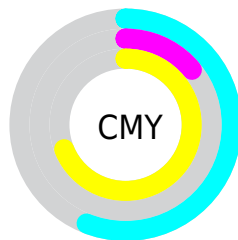
- Red (44%)
- Green (86%)
- Blue (31%)



- Red (31%)
- Yellow (86%)
- Blue (73%)



- Cyan (49%)
- Magenta (0%)
- Yellow (64%)
- Black (14%)



- Cyan (56%)
- Magenta (14%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71DC50 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 71DC50 by changing the saturation by 10% instead.

 71DC50

 71DC50

FFFFFF

 53C034

 ACFF86

 31A413

 C9FFA2

 008900

 E7FFBE

 006F00

 FFFFDB

 005500

 FFFFF8

 003D00

 002600

 000000

 71DC50

 71DC50

 60DC3A

 82DC66

 4FDC24

 93DC7C

 3FDC0E

 A3DC92

 34DC00

 B4DCA8

 C5DCBE

 D6DCD4

 E7DCEA

 F8DCFF

 FFDCFF

Harmonies

Analogous

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



C8CC10



71DC50



00E599

Triad

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



71DC50



00D8FF



FF7BA4

Complementary

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



71DC50



BB50DC

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.



FF81EF



71DC50



6BC1FF

Square

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



71DC50



00E4FF



F4A0FF



FF925E

Rectangle

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



71DC50



00E7CD



F4A0FF



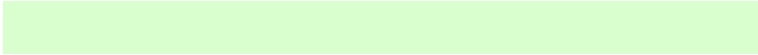
FF79BD

Sweetspot

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



71DC50



DAFFCF



DCB950



698062



000000



808080

Same Dimension

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



71DC50



6BFF3D



50DC73



656E63



29AD00



0B2E00

Inverse Universe

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



BB50DC



D13DFF



DC50B9



6B636E



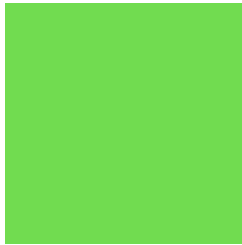
8500AD



23002E

Previews

White Background



This preview shows how the Hex color 71DC50 looks on a white background.

Color Contrast Check

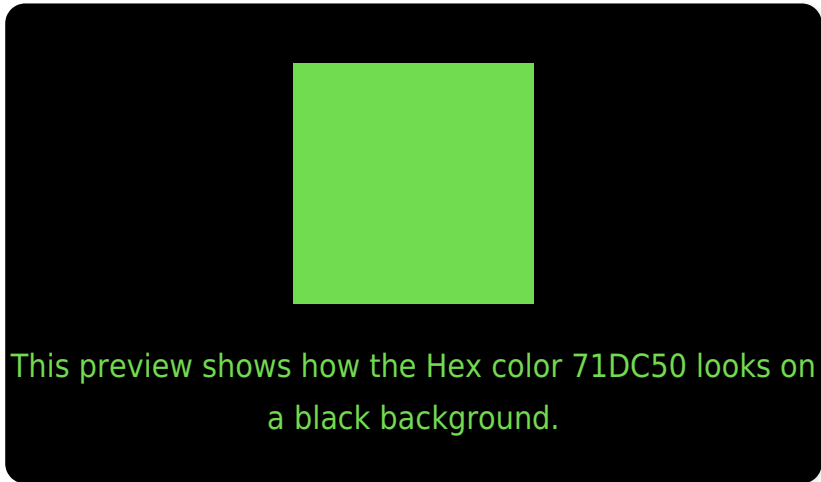
Large Text (above 18pt) WCAG AA × Fail

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 71DC50 Background



This preview shows how black text looks on a background with the Hex color 71DC50.

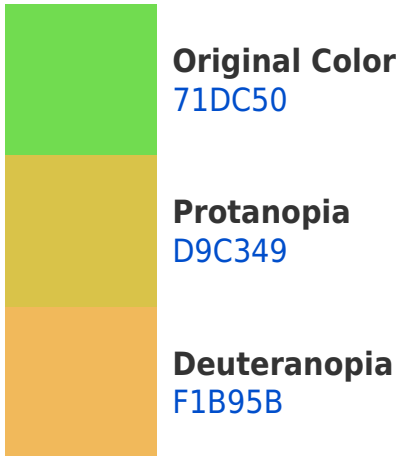


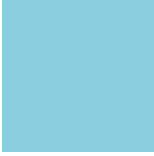
This preview shows how white text looks on a background with the Hex color 71DC50.

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
8BCEDF

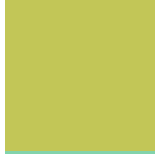
Trichromacy



Original Color
71DC50



Protanomaly
B3CC4C



Deuteranomaly
C2C657

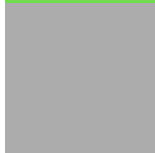


Tritanomaly
82D3AB

Monochromacy



Original Color
71DC50



Achromatopsia
ACACAC



Achromatomaly
97BD8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 71DC50 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 #71DC50 looks like.

```
.text, #text, p{  
    color:#71DC50  
}
```

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 #71DC50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71DC50
}
```

Border

The CSS property to change the border of an element to Hex 71DC50 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
#71DC50 }
```

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

```
.border{ border-color:#71DC50 }
```

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

Here you see how a box with a 4 pixel #71DC50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71DC50; -webkit-box-shadow:4px 4px  
4px 4px #71DC50; box-shadow:4px 4px 4px  
4px #71DC50 }
```

Background

The CSS property to change the background color of an element to Hex 71DC50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71DC50 }
```

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

```
.background{ background-color:#71DC50 }
```

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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