

Converting Colors

Hex(71D455)

Have a look what the booklet for
Hex(71D455) contains.

Hex(71D455)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(71D455)

Conversions

Conversions Part 1

Format	Color
Hex	71D455
RGB	113, 212, 85
RGB Percent	44%, 83%, 33%
CMY	0.5569, 0.1686, 0.6667
CMYK	0.47, 0.00, 0.60, 0.17
HSL	107°, 60%, 58%
HSV	107°, 60%, 83%
XYZ	31.9932, 51.2536, 16.8010
YIQ	167.9210, -18.2370, -60.4850

Conversions

Conversions Part 2

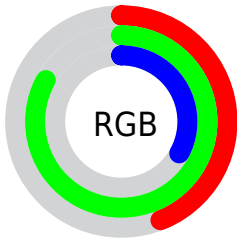
Format	Color
RYB	85, 212, 184
Decimal	7459925
CIELab	76.83, -52.33, 52.78
CIELCh	77, 74.326, 134.752
Yxy	51.2536, 0.3198, 0.5123
Android (android.graphics.Color)	4285650005 (0xFF71D455)
YUV	167.9210, -40.8801, -48.1657
Hunter-Lab	71.5916, -45.5163, 36.2000

Details

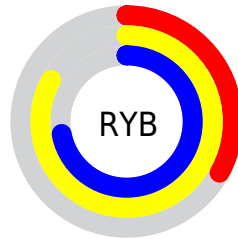
The Hex color **71D455** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **B855D4**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **ABFF8B**, and **349C1D** is the 20% darker color. If you saturate the color by 10%, you get **60D440**, and if you desaturate by 10%, it is **82D46A**.

Distribution



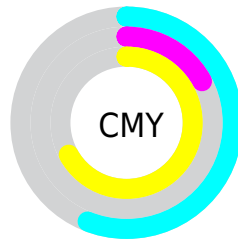
- Red (44%)
- Green (83%)
- Blue (33%)



- Red (33%)
- Yellow (83%)
- Blue (72%)



- Cyan (47%)
- Magenta (0%)
- Yellow (60%)
- Black (17%)




- Cyan (56%)
- Magenta (17%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71D455 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 71D455 by changing the saturation by 10% instead.

 71D455

 71D455


FFFFFF

 54B83A


 ABFF8B

 349C1D

 C8FFA6

 048200

 E6FFC2

 006800

 FFFFDF


 004F00


 FFFFFC

 003700

 002000

 000000

 71D455

 71D455

 60D440

 82D46A

 50D42B

 92D47F

 3FD415

 A3D495

 2FD400

 B3D4AA

 C4D4BF

 D4D4D4

 E5D4E9

 F5D4FF

 FFD4FF

Harmonies

Analogous

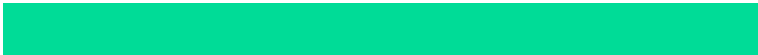
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C1C524



71D455



00DC97

Triad

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



71D455



00CFFF



FF7C9F

Complementary

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



71D455



B855D4

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.



FF81E4



71D455



75BAFF

Square

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



71D455



00DBFF



EC9CFF



FF915F

Rectangle

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



71D455



00DEC7



EC9CFF



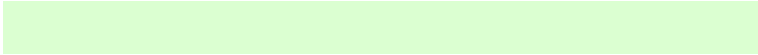
FF7BB6

Sweetspot

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



71D455



DBFFD1



D4B655



6A8063



000000



808080

Same Dimension

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



71D455



70FF47



55D477



636B60



26AB00



0A2B00

Inverse Universe

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



B855D4



D747FF



D455B2



69606B



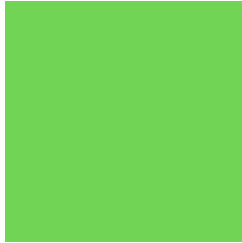
8500AB



22002B

Previews

White Background



This preview shows how the Hex color 71D455 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 71D455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

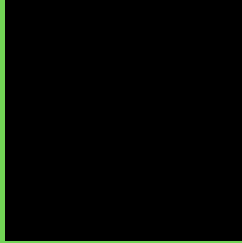
Any Text WCAG AA ✓ Pass

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 71D455 Background



This preview shows how black text looks on a background with the Hex color 71D455.

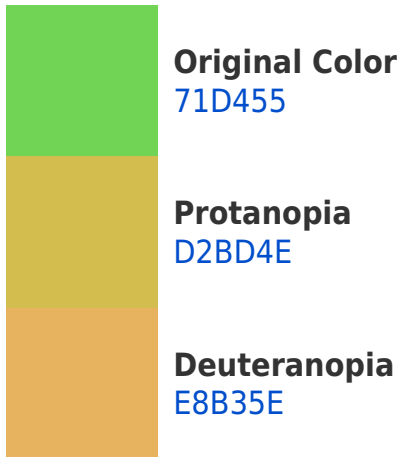


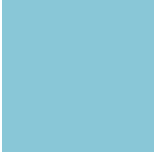
This preview shows how white text looks on a background with the Hex color 71D455.

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](#).

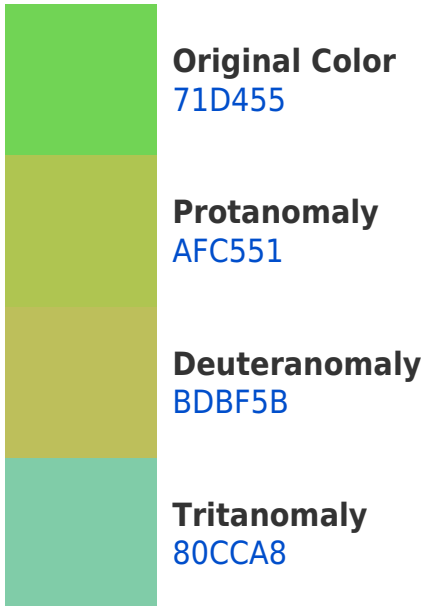
Dichromacy



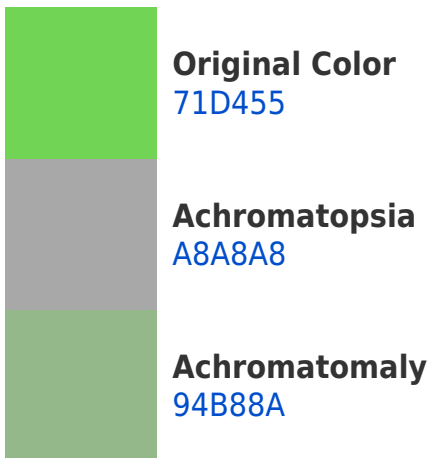


Tritanopia
89C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71D455 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 #71D455 looks like.

```
.text, #text, p{  
    color:#71D455  
}
```

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 #71D455 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71D455
}
```

Border

The CSS property to change the border of an element to Hex 71D455 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
#71D455 }
```

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

```
.border{ border-color:#71D455 }
```

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

Here you see how a box with a 4 pixel #71D455 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71D455; -webkit-box-shadow:4px 4px  
4px 4px #71D455; box-shadow:4px 4px 4px  
4px #71D455 }
```

Background

The CSS property to change the background color of an element to Hex 71D455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71D455 }
```

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

```
.background{ background-color:#71D455 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor