

Converting Colors

Hex(71DDF5)

Have a look what the booklet for
Hex(71DDF5) contains.

Hex(71DDF5)	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(71DDF5)

Conversions

Conversions Part 1

Format	Color
Hex	71DDF5
RGB	113, 221, 245
RGB Percent	44%, 87%, 96%
CMY	0.5569, 0.1333, 0.0392
CMYK	0.54, 0.10, 0.00, 0.04
HSL	191°, 87%, 70%
HSV	191°, 54%, 96%
XYZ	49.1479, 61.8162, 95.7275
YIQ	191.4440, -72.0720, -15.4320

Conversions

Conversions Part 2

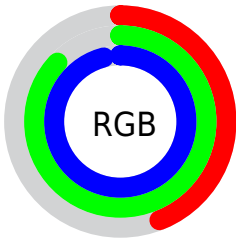
Format	Color
RYB	113, 172, 245
Decimal	7462389
CIELab	82.82, -24.61, -21.23
CIELCh	83, 32.497, 220.779
Yxy	61.8162, 0.2378, 0.2991
Android (android.graphics.Color)	4285652469 (0xFF71DDF5)
YUV	191.4440, 26.4031, -68.7954
Hunter-Lab	78.6233, -26.0092, -17.1521

Details

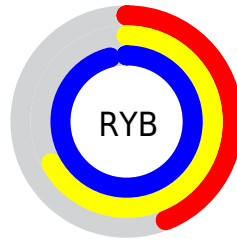
The Hex color **71DDF5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **F58971**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **ADFFFF**, and **2CA6BD** is the 20% darker color. If you saturate the color by 10%, you get **59D9F5**, and if you desaturate by 10%, it is **8AE1F5**.

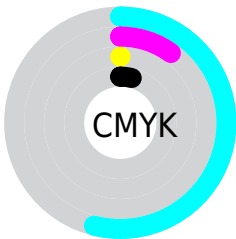
Distribution



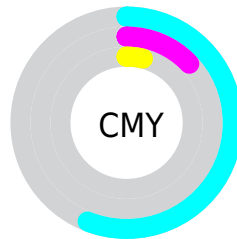
- Red (44%)
- Green (87%)
- Blue (96%)



- Red (44%)
- Yellow (67%)
- Blue (96%)



- Cyan (54%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



- Cyan (56%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Hex color 71DDF5 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 71DDF5 by changing the saturation by 10% instead.

 71DDF5

 71DDF5

FFFFFF

 51C1D9

 ADFFFF

 2CA6BD

 CBFFFF

 008BA2

 E9FFFF

 007187


 00596E


 004156

 002A3E

 001328

 000113

 71DDF5

 71DDF5

 59D9F5

 8AE1F5

 40D4F5

 A2E6F5

 28D0F5

 BBEAF5

 0FCBF5

 D3EFF5

 00C8F5

 ECF3F5

 FFF8F5

 FFFCF5

 FFFFF5

Harmonies

Analogous

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



77DFD8



71DDF5



8CD7FF

Triad

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



71DDF5



FEBAE3



D9D092

Complementary

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



71DDF5



F58971

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.



F5C695



71DDF5



FFB8C4

Square

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



71DDF5



E1C3FD



FFBCA8



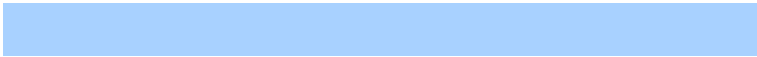
B7D89F

Rectangle

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



71DDF5



A8D1FF



FFBCA8



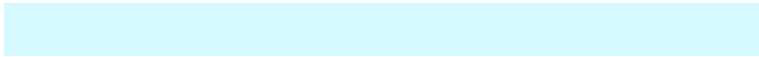
E3CC91

Sweetspot

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



71DDF5



D6F8FF



71F587



677B80



000000



808080

Same Dimension

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



71DDF5



59E1FF



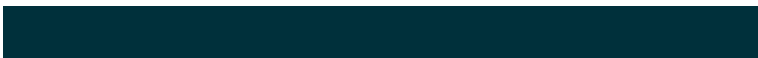
719DF5



6E787A



0098BA



00303B

Inverse Universe

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



F571DD



FF59E1



F5C971



7A6E78



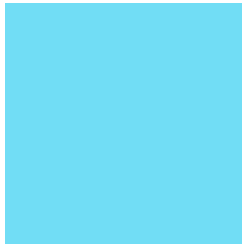
BA0098



3B0030

Previews

White Background



This preview shows how the Hex color 71DDF5 looks on a white background.

Color Contrast Check

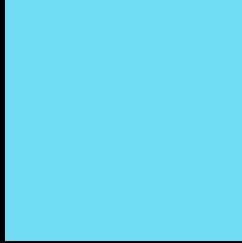
Large Text (above 18pt) WCAG AA × Fail

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 71DDF5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

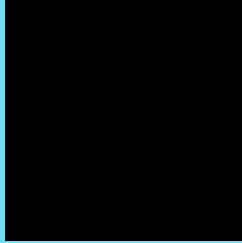
Any Text WCAG AA ✓ Pass

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 71DDF5 Background



This preview shows how black text looks on a background with the Hex color 71DDF5.

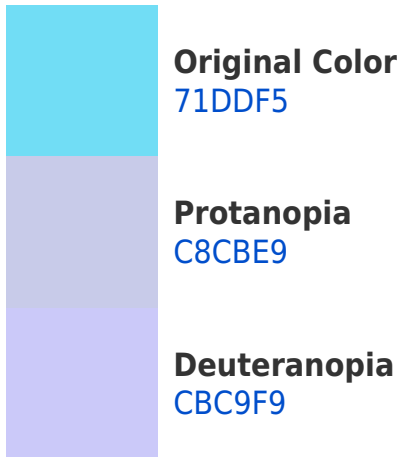


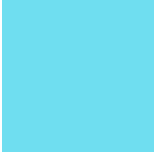
This preview shows how white text looks on a background with the Hex color 71DDF5.

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



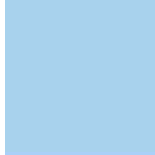


Tritanopia
6FDEF0

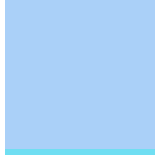
Trichromacy



Original Color
71DDF5



Protanomaly
A8D2ED



Deuteranomaly
AAD0F8

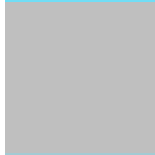


Tritanomaly
70DEF2

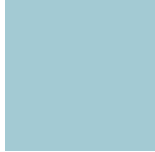
Monochromacy



Original Color
71DDF5



Achromatopsia
BFBFBF



Achromatomaly
A3CAD3

CSS Examples

Text

The CSS property to change the color of the text to Hex 71DDF5 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 #71DDF5 looks like.

```
.text, #text, p{  
    color:#71DDF5  
}
```

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 #71DDF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71DDF5  
}
```

Border

The CSS property to change the border of an element to Hex 71DDF5 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  
#71DDF5 }
```

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

```
.border{ border-color:#71DDF5 }
```

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

Here you see how a box with a 4 pixel #71DDF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71DDF5; -webkit-box-shadow:4px 4px  
4px 4px #71DDF5; box-shadow:4px 4px 4px  
4px #71DDF5 }
```

Background

The CSS property to change the background color of an element to Hex 71DDF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71DDF5 }
```

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

```
.background{ background-color:#71DDF5 }
```

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