

Converting Colors

Hex(71DED5)

Have a look what the booklet for
Hex(71DED5) contains.

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Color

Hex(71DED5)

Conversions

Conversions Part 1

Format	Color
Hex	71DED5
RGB	113, 222, 213
RGB Percent	44%, 87%, 84%
CMY	0.5569, 0.1294, 0.1647
CMYK	0.49, 0.00, 0.04, 0.13
HSL	175°, 62%, 66%
HSV	175°, 49%, 87%
XYZ	44.9416, 60.5574, 72.2709
YIQ	188.3830, -62.0750, -25.9070

Conversions

Conversions Part 2

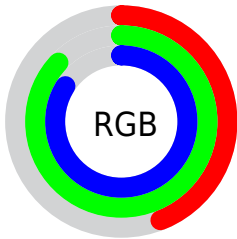
Format	Color
RYB	113, 170, 222
Decimal	7462613
CIELab	82.14, -33.49, -5.25
CIElCh	82, 33.899, 188.915
Yxy	60.5574, 0.2528, 0.3407
Android (android.graphics.Color)	4285652693 (0xFF71DED5)
YUV	188.3830, 12.1362, -66.1109
Hunter-Lab	77.8186, -33.0958, -0.5901

Details

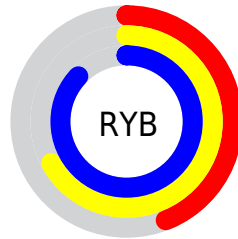
The Hex color **71DED5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DE717A**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **ACFFFF**, and **32A69E** is the 20% darker color. If you saturate the color by 10%, you get **5BDED3**, and if you desaturate by 10%, it is **87DED7**.

Distribution



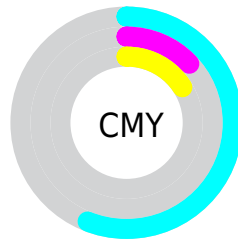
- Red (44%)
- Green (87%)
- Blue (84%)



- Red (44%)
- Yellow (67%)
- Blue (87%)



- Cyan (49%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (56%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71DED5 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 71DED5 by changing the saturation by 10% instead.

 71DED5

 71DED5

FFFFFF

 53C2B9

 ACFFFF

 32A69E

 C9FFFF

 008C84

 E7FFFF

 00726B

 005953

 00413C

 002A26

 000F12

 000000

 71DED5

 71DED5

 5BDED3

 87DED7

 45DED1

 9DDED9

 2EDED0

 B4DEDA

 18DECE

 CADEDC

 02DECC

 E0DEDE

 00DECC

 F6DEE0

 FFDEE2

 FFDEE4

 FFDEE5

Harmonies

Analogous

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



91DCB4



71DED5



68DCF3

Triad

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



71DED5



DDC1FE



F6C392

Complementary

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



71DED5



DE717A

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.



FFB9A6



71DED5



FDB8E4

Square

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



71DED5



B1CCFF



FFB5C4



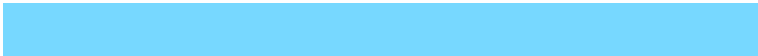
D9CD8D

Rectangle

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



71DED5



77D8FF



FFB5C4



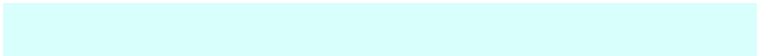
FEBF97

Sweetspot

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



71DED5



D9FFFC



7ADE71



69807E



000000



808080

Same Dimension

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



71DED5



69FFF3



71B1DE



65706F



00B0A1



00302C

Inverse Universe

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



DE717A



FF6975



DE9E71



706566



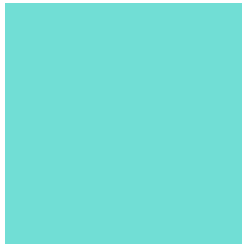
B0000F



300004

Previews

White Background



This preview shows how the Hex color 71DED5 looks on a white background.

Color Contrast Check

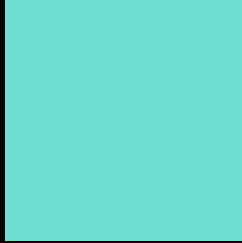
Large Text (above 18pt) WCAG AA × Fail

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 71DED5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

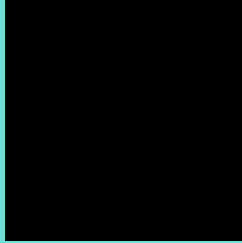
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

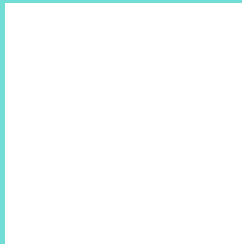
Any Text WCAG AAA ✓ Pass

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

Hex 71DED5 Background



This preview shows how black text looks on a background with the Hex color 71DED5.

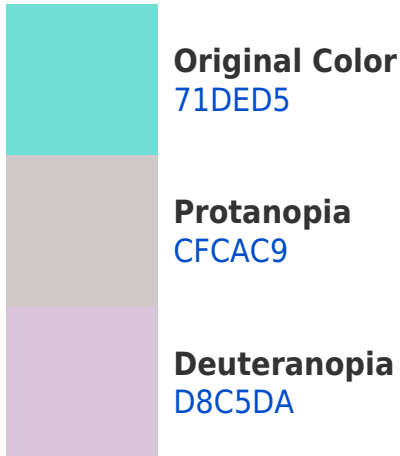


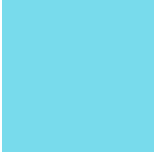
This preview shows how white text looks on a background with the Hex color 71DED5.

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
78DBEC

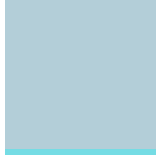
Trichromacy



Original Color
71DED5



Protanomaly
ADD1CD



Deuteranomaly
B3CED8

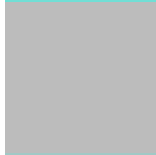


Tritanomaly
75DCE4

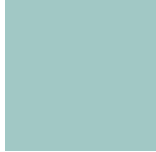
Monochromacy



Original Color
71DED5



Achromatopsia
BCBCBC



Achromatomaly
A1C8C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 71DED5 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 #71DED5 looks like.

```
.text, #text, p{  
    color:#71DED5  
}
```

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 #71DED5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71DED5  
}
```

Border

The CSS property to change the border of an element to Hex 71DED5 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  
#71DED5 }
```

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

```
.border{ border-color:#71DED5 }
```

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

Here you see how a box with a 4 pixel #71DED5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71DED5; -webkit-box-shadow:4px 4px  
4px 4px #71DED5; box-shadow:4px 4px 4px  
4px #71DED5 }
```

Background

The CSS property to change the background color of an element to Hex 71DED5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71DED5 }
```

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

```
.background{ background-color:#71DED5 }
```

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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