

Converting Colors

Hex(71DC7D)

Have a look what the booklet for
Hex(71DC7D) contains.

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Color

Hex(71DC7D)

Conversions

Conversions Part 1

Format	Color
Hex	71DC7D
RGB	113, 220, 125
RGB Percent	44%, 86%, 49%
CMY	0.5569, 0.1373, 0.5098
CMYK	0.49, 0.00, 0.43, 0.14
HSL	127°, 60%, 65%
HSV	127°, 49%, 86%
XYZ	36.1049, 56.1778, 28.3425
YIQ	177.1770, -33.2770, -52.2290

Conversions

Conversions Part 2

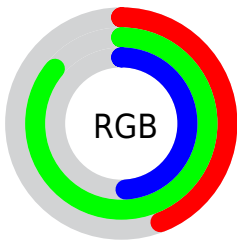
Format	Color
RYB	113, 209, 220
Decimal	7462013
CIELab	79.71, -50.45, 37.33
CIElCh	80, 62.757, 143.503
Yxy	56.1778, 0.2993, 0.4657
Android (android.graphics.Color)	4285652093 (0xFF71DC7D)
YUV	177.1770, -25.7233, -56.2832
Hunter-Lab	74.9518, -45.1808, 30.0462

Details

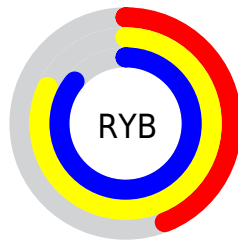
The Hex color **71DC7D** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **DC71D0**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **ABFFB3**, and **35A44A** is the 20% darker color. If you saturate the color by 10%, you get **5BDC69**, and if you desaturate by 10%, it is **87DC91**.

Distribution



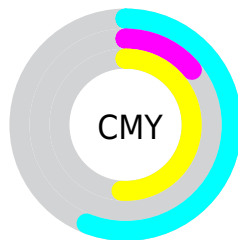
- Red (44%)
- Green (86%)
- Blue (49%)



- Red (44%)
- Yellow (82%)
- Blue (86%)



- Cyan (49%)
- Magenta (0%)
- Yellow (43%)
- Black (14%)



- Cyan (56%)
- Magenta (14%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71DC7D 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 71DC7D by changing the saturation by 10% instead.

 71DC7D

 71DC7D

FFFFFF

 54C063

 ABFFB3

 35A44A

 C8FFCF

 058932

 E5FFEB

 006F19

 005600

 003D00

 002700

 000000

 71DC7D

 71DC7D

 5BDC69

 87DC91

 45DC56

 9DDCA4

 2FDC42

 B3DCB8

 19DC2F

 C9DCCB

 03DC1B

 DFDCDF

 00DC19

 F5DCF2

 FFDCFF

Harmonies

Analogous

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



B9D054



71DC7D



00E2B6

Triad

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



71DC7D



00D0FF



FF969A

Complementary

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



71DC7D



DC71D0

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.



FF93D5



71DC7D



B3BBFF

Square

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



71DC7D



00DDFF



FFA4FF



FFA869

Rectangle

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



71DC7D



00E3DF



FFA4FF



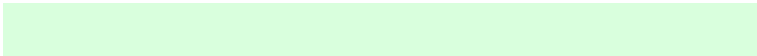
FF93AD

Sweetspot

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



71DC7D



D9FFDD



D1DC71



69806B



000000



808080

Same Dimension

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



71DC7D



6BFF7C



71DCB1



636E64



00AD13



002E05

Inverse Universe

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



DC71D0



FF6BEE



DC719C



6E636C



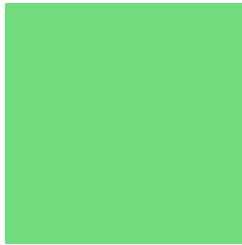
AD009A



2E0029

Previews

White Background



This preview shows how the Hex color 71DC7D looks on a white background.

Color Contrast Check

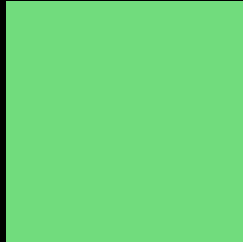
Large Text (above 18pt) WCAG AA × Fail

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 71DC7D 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 71DC7D Background



This preview shows how black text looks on a background with the Hex color 71DC7D.

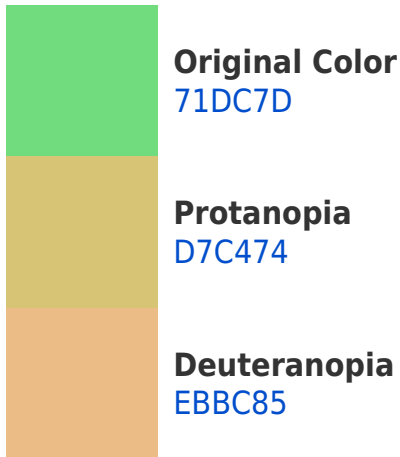


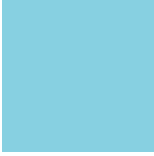
This preview shows how white text looks on a background with the Hex color 71DC7D.

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](#).

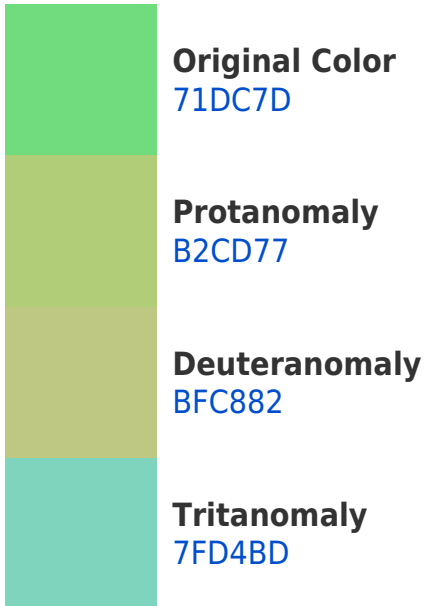
Dichromacy



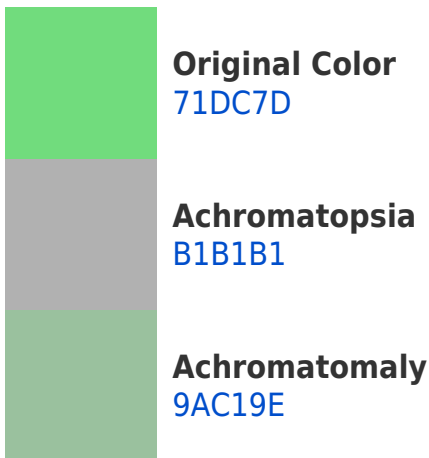


Tritanopia
87D0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71DC7D 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 #71DC7D looks like.

```
.text, #text, p{  
    color:#71DC7D  
}
```

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 #71DC7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71DC7D
}
```

Border

The CSS property to change the border of an element to Hex 71DC7D 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
#71DC7D }
```

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

```
.border{ border-color:#71DC7D }
```

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

Here you see how a box with a 4 pixel #71DC7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71DC7D; -webkit-box-shadow:4px 4px  
4px 4px #71DC7D; box-shadow:4px 4px 4px  
4px #71DC7D }
```

Background

The CSS property to change the background color of an element to Hex 71DC7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71DC7D }
```

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

```
.background{ background-color:#71DC7D }
```

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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