

Converting Colors

Hex(71D9C6)

Have a look what the booklet for
Hex(71D9C6) contains.

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Color

Hex(71D9C6)

Conversions

Conversions Part 1

Format	Color
Hex	71D9C6
RGB	113, 217, 198
RGB Percent	44%, 85%, 78%
CMY	0.5569, 0.1490, 0.2235
CMYK	0.48, 0.00, 0.09, 0.15
HSL	169°, 58%, 65%
HSV	169°, 48%, 85%
XYZ	41.8159, 57.2136, 62.2655
YIQ	183.7380, -55.8850, -27.9570

Conversions

Conversions Part 2

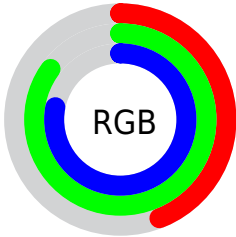
Format	Color
RYB	113, 170, 217
Decimal	7461318
CIELab	80.30, -34.80, 0.03
CIELCh	80, 34.804, 179.955
Yxy	57.2136, 0.2593, 0.3547
Android (android.graphics.Color)	4285651398 (0xFF71D9C6)
YUV	183.7380, 7.0312, -62.0372
Hunter-Lab	75.6397, -33.6892, 4.1411

Details

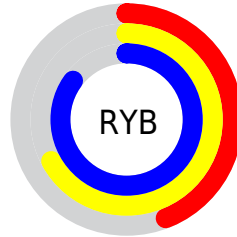
The Hex color **71D9C6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D97184**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **ABFFFF**, and **34A290** is the 20% darker color. If you saturate the color by 10%, you get **5BD9C2**, and if you desaturate by 10%, it is **87D9CA**.

Distribution



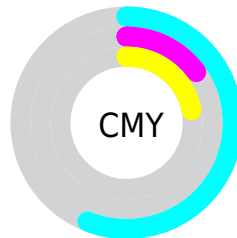
- Red (44%)
- Green (85%)
- Blue (78%)



- Red (44%)
- Yellow (67%)
- Blue (85%)



- Cyan (48%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)



- Cyan (56%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71D9C6 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 71D9C6 by changing the saturation by 10% instead.

 71D9C6

 71D9C6


FFFFFF

 54BDAB

 ABFFFF

 34A290

 C8FFFF

 048777

 E5FFFF

 006D5E


 005446

 003C30

 00271B

 000201

 000000

 71D9C6

 71D9C6

 5BD9C2

 87D9CA

 46D9BE

 9CD9CE

 30D9BA

 B2D9D2

 1AD9B6

 C8D9D6

 04D9B2

 DED9DA

 00D9B1

 F3D9DE

 FFD9E2

 FFD9E6

 FFD9EA

Harmonies

Analogous

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



96D6A6



71D9C6



5CD8E6

Triad

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



71D9C6



CCBFFF



F9BA90

Complementary

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



71D9C6



D97184

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.



FFB1A8



71D9C6



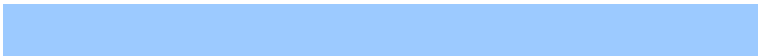
F1B4E8

Square

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



71D9C6



9CCAFF



FFAFC8



DEC586

Rectangle

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



71D9C6



64D5F8



FFAFC8



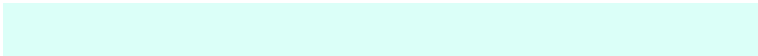
FFB797

Sweetspot

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



71D9C6



DBFFF8



84D971



6A807C



000000



808080

Same Dimension

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



71D9C6



6BFFE4



71B8D9



636E6C



00AD8E



002E26

Inverse Universe

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



D97184



FF6B86



D99271



6E6365



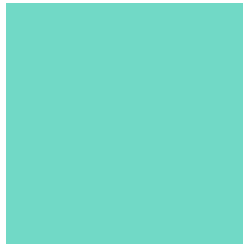
AD0020



2E0008

Previews

White Background



This preview shows how the Hex color 71D9C6 looks on a white background.

Color Contrast Check

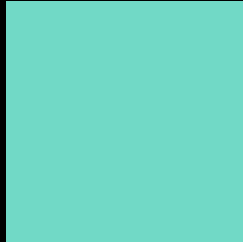
Large Text (above 18pt) WCAG AA × Fail

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 71D9C6 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

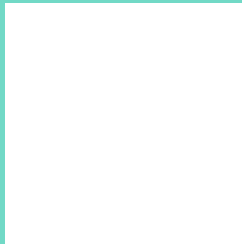
Any Text WCAG AAA ✓ Pass

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

Hex 71D9C6 Background



This preview shows how black text looks on a background with the Hex color 71D9C6.

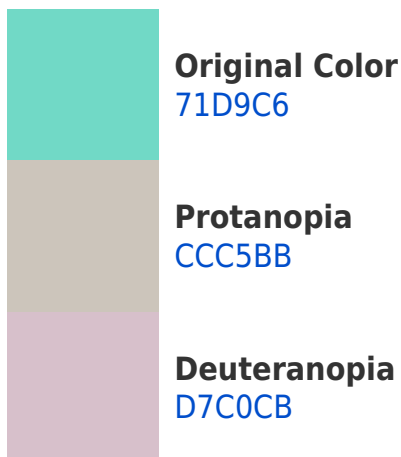


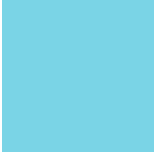
This preview shows how white text looks on a background with the Hex color 71D9C6.

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](#).

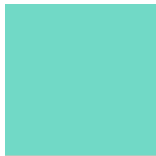
Dichromacy





Tritanopia
7AD4E6

Trichromacy



Original Color
71D9C6



Protanomaly
ABCCBF



Deuteranomaly
B2C9C9

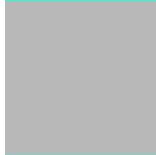


Tritanomaly
77D6DA

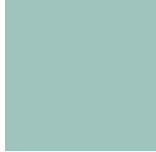
Monochromacy



Original Color
71D9C6



Achromatopsia
B8B8B8



Achromatomaly
9EC4BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 71D9C6 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 #71D9C6 looks like.

```
.text, #text, p{  
    color:#71D9C6  
}
```

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 #71D9C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71D9C6
}
```

Border

The CSS property to change the border of an element to Hex 71D9C6 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
#71D9C6 }
```

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

```
.border{ border-color:#71D9C6 }
```

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

Here you see how a box with a 4 pixel #71D9C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71D9C6; -webkit-box-shadow:4px 4px  
4px 4px #71D9C6; box-shadow:4px 4px 4px  
4px #71D9C6 }
```

Background

The CSS property to change the background color of an element to Hex 71D9C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71D9C6 }
```

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

```
.background{ background-color:#71D9C6 }
```

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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