

Converting Colors

Hex(71D1BF)

Have a look what the booklet for
Hex(71D1BF) contains.

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Color

Hex(71D1BF)

Conversions

Conversions Part 1

Format	Color
Hex	71D1BF
RGB	113, 209, 191
RGB Percent	44%, 82%, 75%
CMY	0.5569, 0.1804, 0.2510
CMYK	0.46, 0.00, 0.09, 0.18
HSL	169°, 51%, 63%
HSV	169°, 46%, 82%
XYZ	39.0145, 52.8732, 57.4395
YIQ	178.2440, -51.4380, -25.9500

Conversions

Conversions Part 2

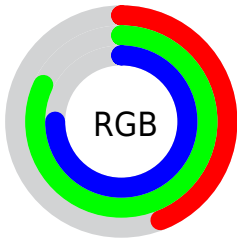
Format	Color
RYB	113, 166, 209
Decimal	7459263
CIELab	77.80, -32.72, 0.12
CIELCh	78, 32.719, 179.786
Yxy	52.8732, 0.2613, 0.3541
Android (android.graphics.Color)	4285649343 (0xFF71D1BF)
YUV	178.2440, 6.2887, -57.2190
Hunter-Lab	72.7140, -31.4758, 4.0644

Details

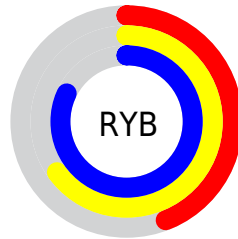
The Hex color **71D1BF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D17183**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **AAFF7**, and **369A8A** is the 20% darker color. If you saturate the color by 10%, you get **5CD1BB**, and if you desaturate by 10%, it is **86D1C3**.

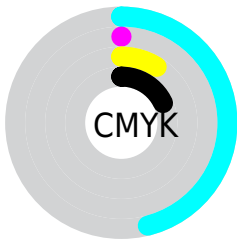
Distribution



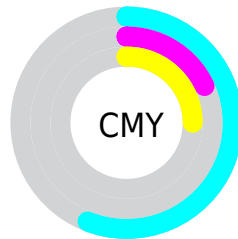
- Red (44%)
- Green (82%)
- Blue (75%)



- Red (44%)
- Yellow (65%)
- Blue (82%)



- Cyan (46%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)



- Cyan (56%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71D1BF 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 71D1BF by changing the saturation by 10% instead.

 71D1BF

 71D1BF

FFFFFF

 54B5A4

 AAFF7

 369A8A

 C7FFF

 0F8070

 E4FFF


 006658


 004E41

 00362B

 002216

 000000

 71D1BF

 71D1BF

■ 5CD1BB

■ 86D1C3

■ 47D1B7

■ 9BD1C7

■ 32D1B3

■ B0D1CB

■ 1DD1AF

■ C5D1CF

■ 09D1AB

■ DAD1D3

■ 00D1AA

■ EED1D7

■ FFD1DA

■ FFD1DE

■ FFD1E2

Harmonies

Analogous

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



92CEA1



71D1BF



5FD0DD

Triad

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



71D1BF



C4B9F5



EFB48D

Complementary

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



71D1BF



D17183

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.



FCACA4



71D1BF



E7AFDF

Square

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



71D1BF



98C3FC



FAAAC2



D6BE84

Rectangle

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



71D1BF



66CEEE



FAAAC2



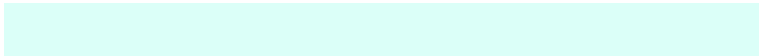
F5B193

Sweetspot

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



71D1BF



DBFFF8



84D171



6A807B



000000



808080

Same Dimension

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



71D1BF



73FFE5



71B4D1



5E6967



00A889



002921

Inverse Universe

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



D17183



FF738D



D18E71



695E60



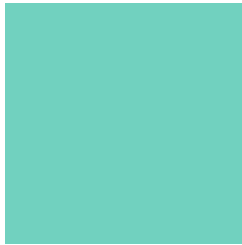
A80020



290008

Previews

White Background



This preview shows how the Hex color 71D1BF 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 71D1BF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

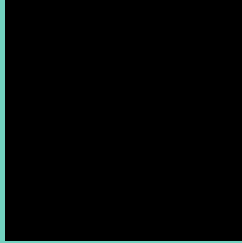
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

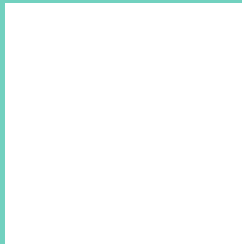
Any Text WCAG AAA ✓ Pass

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

Hex 71D1BF Background



This preview shows how black text looks on a background with the Hex color 71D1BF.



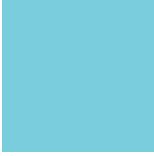
This preview shows how white text looks on a background with the Hex color 71D1BF.

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





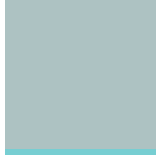
Trichromacy



Original Color
71D1BF



Protanomaly
A6C5B9



Deuteranomaly
ADC2C2

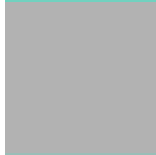


Tritanomaly
77CED2

Monochromacy



Original Color
71D1BF



Achromatopsia
B2B2B2



Achromatomaly
9ABDB7

CSS Examples

Text

The CSS property to change the color of the text to Hex 71D1BF 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 #71D1BF looks like.

```
.text, #text, p{  
    color:#71D1BF  
}
```

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 #71D1BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71D1BF
}
```

Border

The CSS property to change the border of an element to Hex 71D1BF 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
#71D1BF }
```

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

```
.border{ border-color:#71D1BF }
```

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

Here you see how a box with a 4 pixel #71D1BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71D1BF; -webkit-box-shadow:4px 4px  
4px 4px #71D1BF; box-shadow:4px 4px 4px  
4px #71D1BF }
```

Background

The CSS property to change the background color of an element to Hex 71D1BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71D1BF }
```

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

```
.background{ background-color:#71D1BF }
```

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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