

Converting Colors

Hex(6FDBD1)

Have a look what the booklet for
Hex(6FDBD1) contains.

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Color

Hex(6FDBD1)

Conversions

Conversions Part 1

Format	Color
Hex	6FDBD1
RGB	111, 219, 209
RGB Percent	44%, 86%, 82%
CMY	0.5647, 0.1412, 0.1804
CMYK	0.49, 0.00, 0.05, 0.14
HSL	174°, 60%, 65%
HSV	174°, 49%, 86%
XYZ	43.3957, 58.6460, 69.3542
YIQ	185.5680, -61.1580, -26.0060

Conversions

Conversions Part 2

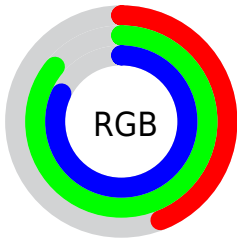
Format	Color
RYB	111, 168, 219
Decimal	7330769
CIELab	81.10, -33.51, -4.67
CIELCh	81, 33.834, 187.940
Yxy	58.6460, 0.2532, 0.3422
Android (android.graphics.Color)	4285520849 (0xFF6FDBD1)
YUV	185.5680, 11.5520, -65.3961
Hunter-Lab	76.5807, -32.8662, -0.0887

Details

The Hex color **6FDBD1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DB6F79**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **A9FFFF**, and **30A49B** is the 20% darker color. If you saturate the color by 10%, you get **59DBCF**, and if you desaturate by 10%, it is **85DBD3**.

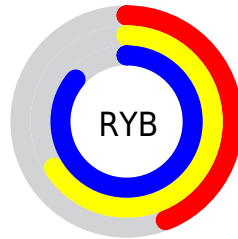
Distribution



Red (44%)

Green (86%)

Blue (82%)



Red (44%)

Yellow (66%)

Blue (86%)

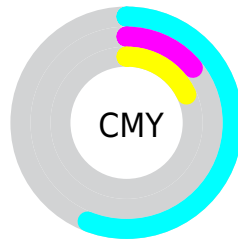


Cyan (49%)

Magenta (0%)

Yellow (5%)

Black (14%)



Cyan (56%)

Magenta (14%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FDBD1 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 6FDBD1 by changing the saturation by 10% instead.

 6FDBD1

 6FDBD1

FFFFFF

 51BFB5

 A9FFFF

 30A49B

 C7FFFF

 008981


 E5FFFF

 006F68

 005650

 003E39

 002823

 00080F

 000000

 6FDBD1

 6FDBD1

 59DBCf

 85DBD3

 43DBCD

 9BDBD5

 2DDBCB

 B1DBD7

 17DBC9

 C7DBD9

 02DBC7

 DCDBDB

 00DBC7

 F2DBDD

 FFDBDF

 FFDBE1

 FFDBE3

Harmonies

Analogous

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



90D9B1



6FDBD1



64D9EF

Triad

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



6FDBD1



D9BEFB



F4BF8F

Complementary

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



6FDBD1



DB6F79

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.



FFB6A4



6FDBD1



F9B5E2

Square

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



6FDBD1



ADCAFF



FFB2C2



D7CA8A

Rectangle

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



6FDBD1



73D6FE



FFB2C2



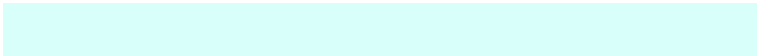
FBBC95

Sweetspot

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



6FDBD1



D9FFFB



7ADB6F



69807D



000000



808080

Same Dimension

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



6FDBD1



69FFF1



6FB0DB



636E6D



00AD9D



002E2A

Inverse Universe

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



DB6F79



FF6976



DB9A6F



6E6364



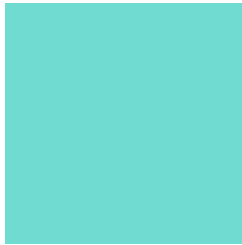
AD0010



2E0004

Previews

White Background



This preview shows how the Hex color 6FDBD1 looks on a white background.

Color Contrast Check

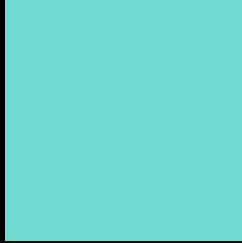
Large Text (above 18pt) WCAG AA × Fail

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 6FDBD1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

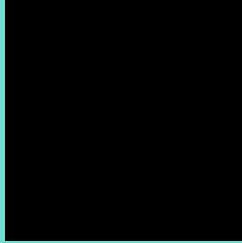
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

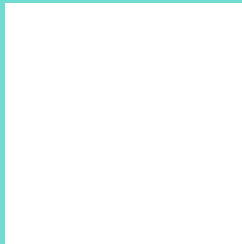
Any Text WCAG AAA ✓ Pass

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

Hex 6FDBD1 Background



This preview shows how black text looks on a background with the Hex color 6FDBD1.

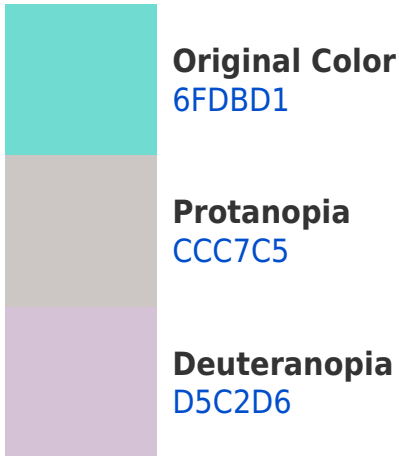


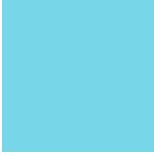
This preview shows how white text looks on a background with the Hex color 6FDBD1.

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](#).

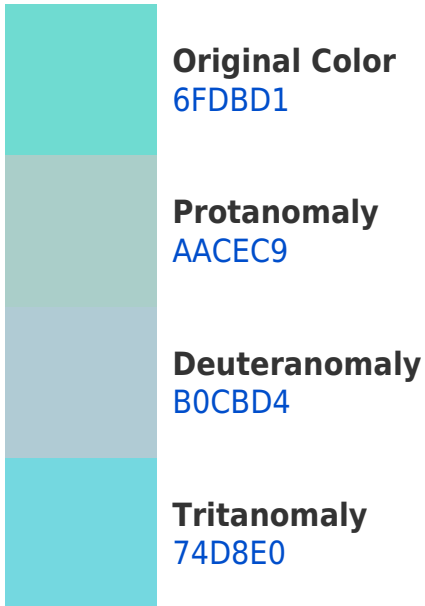
Dichromacy



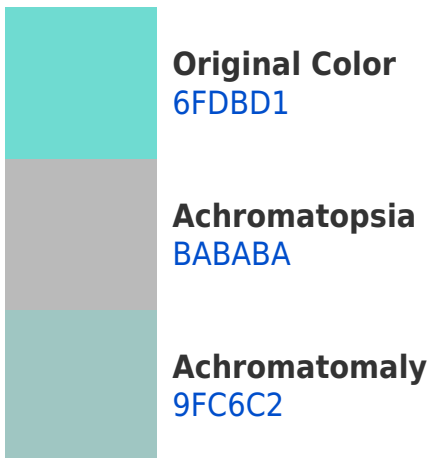


Tritanopia
77D7E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6FDBD1 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 #6FDBD1 looks like.

```
.text, #text, p{  
    color:#6FDBD1  
}
```

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 #6FDBD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FDBD1
}
```

Border

The CSS property to change the border of an element to Hex 6FDBD1 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
#6FDBD1 }
```

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

```
.border{ border-color:#6FDBD1 }
```

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

Here you see how a box with a 4 pixel #6FDBD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FDBD1; -webkit-box-shadow:4px 4px  
4px 4px #6FDBD1; box-shadow:4px 4px 4px  
4px #6FDBD1 }
```

Background

The CSS property to change the background color of an element to Hex 6FDBD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FDBD1 }
```

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

```
.background{ background-color:#6FDBD1 }
```

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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