

Converting Colors

Hex(6BDFD7)

Have a look what the booklet for
Hex(6BDFD7) contains.

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Color

Hex(6BDFD7)

Conversions

Conversions Part 1

Format	Color
Hex	6BDFD7
RGB	107, 223, 215
RGB Percent	42%, 87%, 84%
CMY	0.5804, 0.1255, 0.1569
CMYK	0.52, 0.00, 0.04, 0.13
HSL	176°, 64%, 65%
HSV	176°, 52%, 87%
XYZ	44.7168, 60.8074, 73.6702
YIQ	187.4040, -66.5680, -27.0800

Conversions

Conversions Part 2

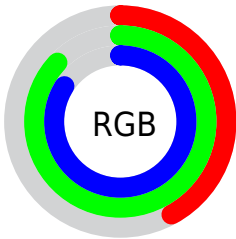
Format	Color
R _{YB}	107, 167, 223
Decimal	7069655
CIE Lab	82.28, -34.72, -6.14
CIE LCh	82, 35.260, 190.028
Yxy	60.8074, 0.2495, 0.3393
Android (android.graphics.Color)	4285259735 (0xFF6BDFD7)
YUV	187.4040, 13.6048, -70.5143
Hunter-Lab	77.9791, -34.1034, -1.4284

Details

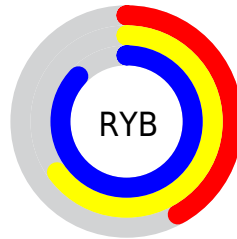
The Hex color **6BDFD7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DF6B73**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **A6FFFF**, and **27A7A0** is the 20% darker color. If you saturate the color by 10%, you get **55DFD5**, and if you desaturate by 10%, it is **81DFD9**.

Distribution



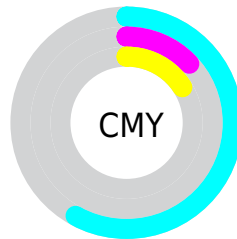
- Red (42%)
- Green (87%)
- Blue (84%)



- Red (42%)
- Yellow (65%)
- Blue (87%)



- Cyan (52%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (58%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BDFD7 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 6BDFD7 by changing the saturation by 10% instead.

 6BDFD7

 6BDFD7

FFFFFF

 4CC3BB

 A6FFFF

 27A7A0

 C4FFFF

 008D86

 E2FFFF

 00736D

 005955

 00413E

 002B28

 001014

 000000

 6BDFD7

 6BDFD7

 55DFD5

 81DFD9

 3EDFD4

 98DFDA

 28DFD2

 AEDFDC

 12DFD1

 C4DFDD

 00DFD0

 DBDFDF

 F1DFE0

 FFDFE2

 FFDFE3

 FFDFE5

Harmonies

Analogous

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



8DDDB5



6BDFD7



62DDF6

Triad

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



6BDFD7



DFC0FF



F7C38F

Complementary

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



6BDFD7



DF6B73

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.



FFB9A4



6BDFD7



FFB7E4

Square

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



6BDFD7



B2CCFF



FFB4C3



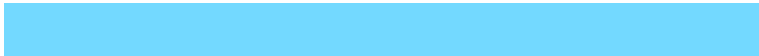
D9CE8B

Rectangle

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



6BDFD7



73D9FF



FFB4C3



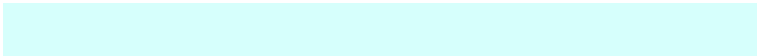
FFBF94

Sweetspot

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



6BDFD7



D6FFFC



75DF6B



67807E



000000



808080

Same Dimension

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



6BDFD7



61FFF4



6BAFDF



65706F



00B0A4



00302D

Inverse Universe

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



DF6B73



FF616C



DF9B6B



706566



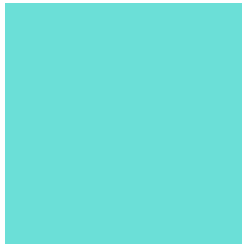
B0000C



300003

Previews

White Background



This preview shows how the Hex color 6BDFD7 looks on a white background.

Color Contrast Check

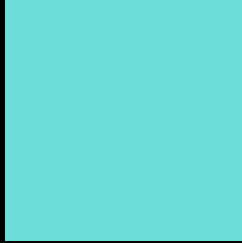
Large Text (above 18pt) WCAG AA × Fail

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 6BDFD7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

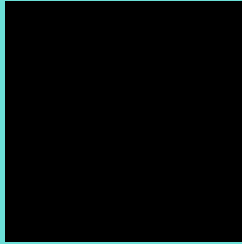
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

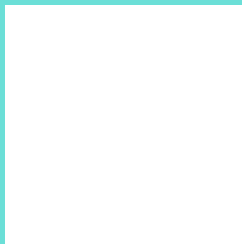
Any Text WCAG AAA ✓ Pass

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

Hex 6BDFD7 Background



This preview shows how black text looks on a background with the Hex color 6BDFD7.

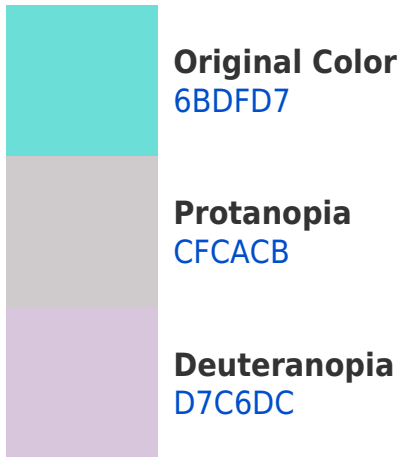


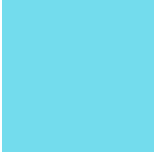
This preview shows how white text looks on a background with the Hex color 6BDFD7.

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
73DCED

Trichromacy



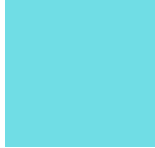
Original Color
6BDFD7



Protanomaly
ABD2CF



Deuteranomaly
B0CFDA

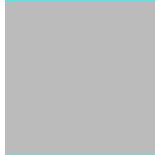


Tritanomaly
70DDE5

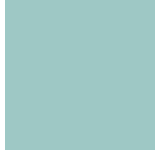
Monochromacy



Original Color
6BDFD7



Achromatopsia
BBBBBB



Achromatomaly
9EC8C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BDFD7 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 #6BDFD7 looks like.

```
.text, #text, p{  
    color:#6BDFD7  
}
```

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 #6BDFD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BDFD7
}
```

Border

The CSS property to change the border of an element to Hex 6BDFD7 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
#6BDFD7 }
```

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

```
.border{ border-color:#6BDFD7 }
```

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

Here you see how a box with a 4 pixel #6BDFD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BDFD7; -webkit-box-shadow:4px 4px  
4px 4px #6BDFD7; box-shadow:4px 4px 4px  
4px #6BDFD7 }
```

Background

The CSS property to change the background color of an element to Hex 6BDFD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BDFD7 }
```

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

```
.background{ background-color:#6BDFD7 }
```

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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