

Converting Colors

Hex(6DFFDC)

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

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Color

Hex(6DFFDC)

Conversions

Conversions Part 1

Format	Color
Hex	6DFFDC
RGB	109, 255, 220
RGB Percent	43%, 100%, 86%
CMY	0.5725, 0.0000, 0.1373
CMYK	0.57, 0.00, 0.14, 0.00
HSL	166°, 100%, 71%
HSV	166°, 57%, 100%
XYZ	54.9849, 79.9385, 80.2418
YIQ	207.3560, -75.7810, -41.8370

Conversions

Conversions Part 2

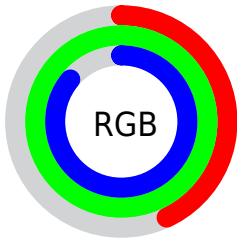
Format	Color
RYB	109, 192, 255
Decimal	7208924
CIELab	91.66, -47.42, 4.96
CIELCh	92, 47.681, 174.025
Yxy	79.9385, 0.2555, 0.3715
Android (android.graphics.Color)	4285399004 (0xFF6DFFDC)
YUV	207.3560, 6.2335, -86.2582
Hunter-Lab	89.4083, -46.6895, 9.3745

Details

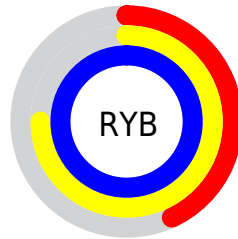
The Hex color **6DFFDC** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF6D90**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **ABFFFF**, and **1FC5A5** is the 20% darker color. If you saturate the color by 10%, you get **54FFD6**, and if you desaturate by 10%, it is **87FFE2**.

Distribution



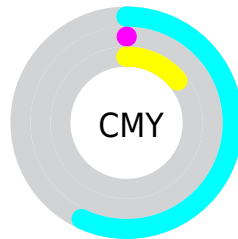
- Red (43%)
- Green (100%)
- Blue (86%)



- Red (43%)
- Yellow (75%)
- Blue (100%)



- Cyan (57%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (57%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 6DFFDC

 6DFFDC

FFFFFF

 4BE2C0

 ABFFFF

 1FC5A5

 CAFFFF

 00AA8B

 E8FFFF

 008F71

 007459

 005B42

 00422C

 002C17

 000B00

 6DFFDC

 6DFFDC

 54FFD6

 87FFE2

 3AFFD0

 A0FFE8

 21FFCA

 BAFFEE

 07FFC4

 D3FFF4

 00FFC2

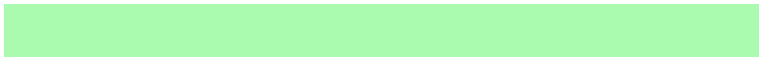
 EDFFFB

FFFFFF

Harmonies

Analogous

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



AAFAB0



6DFFDC



25FFFF

Triad

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



6DFFDC



DFDFFF



FFD19F

Complementary

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



6DFFDC



FF6D90

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.



FFC6C4



6DFFDC



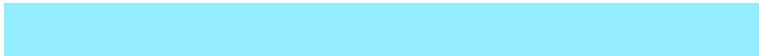
FFCEFF

Square

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



6DFFDC



94EEFF



FFC4F2



FFE18C

Rectangle

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



6DFFDC



23FCFF



FFC4F2



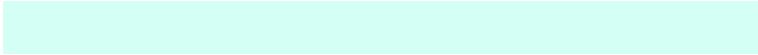
FFCDA9

Sweetspot

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



6DFFDC



D4FFF5



92FF6D



668079



000000



808080

Same Dimension

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



6DFFDC



4FFFD5



6DDBFF



73807C



00BF91



004030

Inverse Universe

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



FF6D90



FF4F79



FF926D



807376



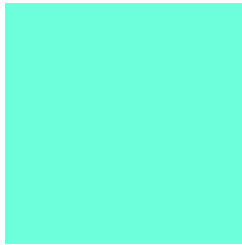
BF002E



40000F

Previews

White Background



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

Color Contrast Check

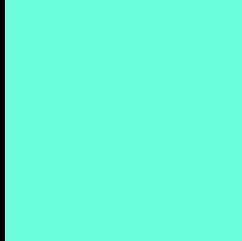
Large Text (above 18pt) WCAG AA × Fail

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 6DFFDC 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 6DFFDC Background



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

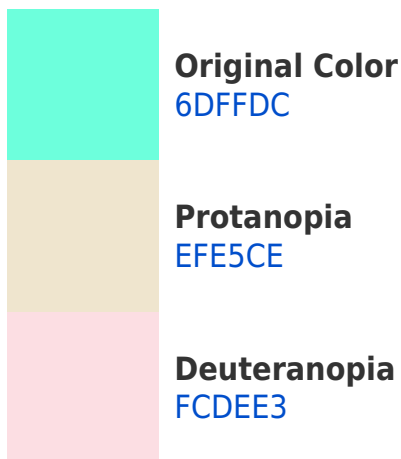


This preview shows how white text looks on a background with the Hex color 6DFFDC.

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



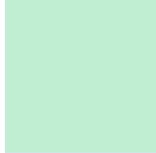


Tritanopia
ACF2FF

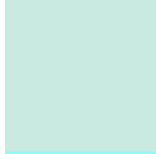
Trichromacy



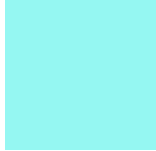
Original Color
6DFFDC



Protanomaly
C0EED3

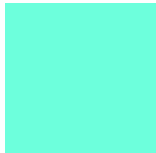


Deuteranomaly
C8EAE0

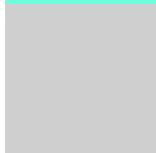


Tritanomaly
95F7F2

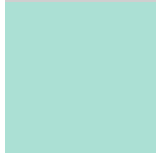
Monochromacy



Original Color
6DFFDC



Achromatopsia
CFCFCF



Achromatomaly
ABE0D4

CSS Examples

Text

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

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

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 #6DFFDC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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