

Converting Colors

Hex(6DFFE1)

Have a look what the booklet for
Hex(6DFFE1) contains.

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Color

Hex(6DFFE1)

Conversions

Conversions Part 1

Format	Color
Hex	6DFFE1
RGB	109, 255, 225
RGB Percent	43%, 100%, 88%
CMY	0.5725, 0.0000, 0.1176
CMYK	0.57, 0.00, 0.12, 0.00
HSL	168°, 100%, 71%
HSV	168°, 57%, 100%
XYZ	55.6573, 80.2075, 83.7823
YIQ	207.9260, -77.3860, -40.2820

Conversions

Conversions Part 2

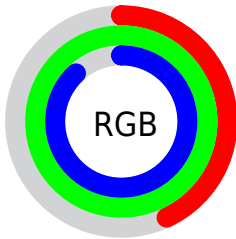
Format	Color
RYB	109, 190, 255
Decimal	7208929
CIELab	91.78, -46.25, 2.55
CIELCh	92, 46.321, 176.841
Yxy	80.2075, 0.2534, 0.3652
Android (android.graphics.Color)	4285399009 (0xFF6DFFE1)
YUV	207.9260, 8.4175, -86.7581
Hunter-Lab	89.5586, -45.7966, 7.2251

Details

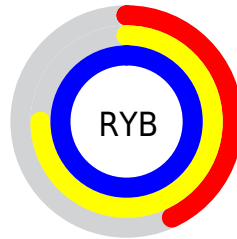
The Hex color **6DFFE1** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF6D8B**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **ABFFFF**, and **1EC6AA** is the 20% darker color. If you saturate the color by 10%, you get **54FFDC**, and if you desaturate by 10%, it is **87FFE6**.

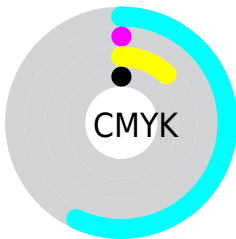
Distribution



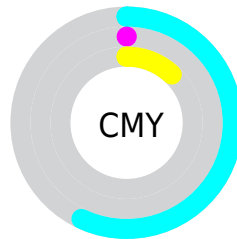
- Red (43%)
- Green (100%)
- Blue (88%)



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



- Cyan (57%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)



- Cyan (57%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DFFE1 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 6DFFE1 by changing the saturation by 10% instead.

 6DFFE1

FFFFFF

 ABFFFF

 CAFFFF

 E9FFFF

 6DFFE1

 4BE2C5


 1EC6AA

 00AA8F

 008F76

 00745D

 005B46

 00422F

 002C1B

 000C00

 6DFFE1

 6DFFE1

 54FFDC

 87FFE6

 3AFFD7

 A0FFEB

 21FFD1

 BAFFF1

 07FFCC

 D3FFF6

 00FFCB

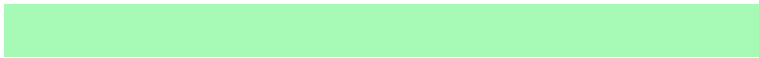
 EDFFFB

FFFFFF

Harmonies

Analogous

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



A7FAB5



6DFFE1



35FFFF

Triad

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



6DFFE1



E6DEFF



FFD49E

Complementary

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



6DFFE1



FF6D8B

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.



FFC8C2



6DFFE1



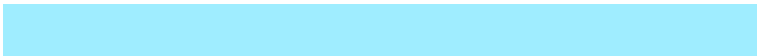
FFCEFF

Square

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



6DFFE1



9FEDFF



FFC5EE



FFE38E

Rectangle

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



6DFFE1



3DFBFF



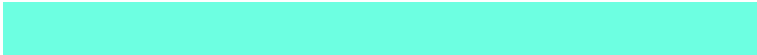
FFC5EE



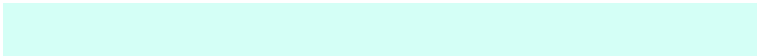
FFCFA8

Sweetspot

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



6DFFE1



D4FFF6



8DFF6D



66807A



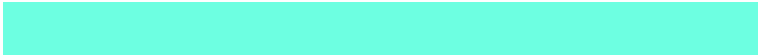
000000



808080

Same Dimension

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



6DFFE1



4FFFDB



6DD6FF



73807D



00BF98



004033

Inverse Universe

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



FF6D8B



FF4F73



FF966D



807375



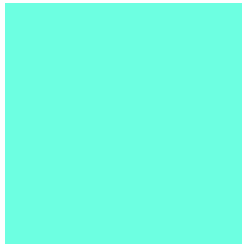
BF0027



40000D

Previews

White Background



This preview shows how the Hex color 6DFFE1 looks on a white background.

Color Contrast Check

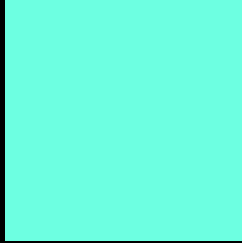
Large Text (above 18pt) WCAG AA × Fail

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 6DFFE1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

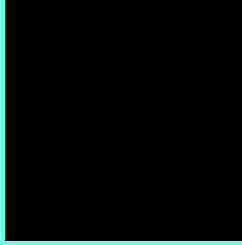
Any Text WCAG AA ✓ Pass

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 6DFFE1 Background



This preview shows how black text looks on a background with the Hex color 6DFFE1.

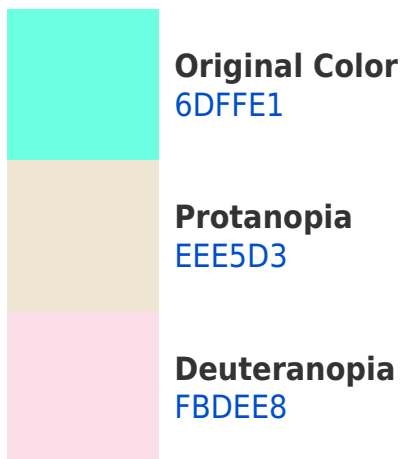


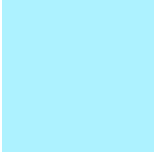
This preview shows how white text looks on a background with the Hex color 6DFFE1.

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
ADF2FF

Trichromacy



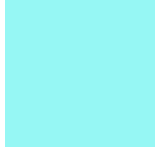
Original Color
6DFFE1



Protanomaly
BFEED8



Deuteranomaly
C7EAE5

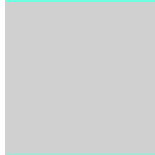


Tritanomaly
96F7F4

Monochromacy



Original Color
6DFFE1



Achromatopsia
D0D0D0



Achromatomaly
ACE1D6

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DFFE1 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 #6DFFE1 looks like.

```
.text, #text, p{  
    color:#6DFFE1  
}
```

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 #6DFFE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DFFE1  
}
```

Border

The CSS property to change the border of an element to Hex 6DFFE1 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  
#6DFFE1 }
```

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

```
.border{ border-color:#6DFFE1 }
```

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

Here you see how a box with a 4 pixel #6DFFE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DFFE1; -webkit-box-shadow:4px 4px  
4px 4px #6DFFE1; box-shadow:4px 4px 4px  
4px #6DFFE1 }
```

Background

The CSS property to change the background color of an element to Hex 6DFFE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DFFE1 }
```

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

```
.background{ background-color:#6DFFE1 }
```

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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