

Converting Colors

Hex(5DFFE6)

Have a look what the booklet for
Hex(5DFFE6) contains.

Hex(5DFFE6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5DFFE6)

Conversions

Conversions Part 1

Format	Color
Hex	5DFFE6
RGB	93, 255, 230
RGB Percent	36%, 100%, 90%
CMY	0.6353, 0.0000, 0.0980
CMYK	0.64, 0.00, 0.10, 0.00
HSL	171°, 100%, 68%
HSV	171°, 64%, 100%
XYZ	54.5571, 79.5603, 87.3441
YIQ	203.7120, -88.5270, -42.1190

Conversions

Conversions Part 2

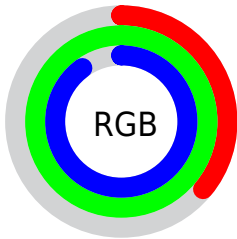
Format	Color
R_{YB}	93, 181, 255
Decimal	6160358
CIE _{Lab}	91.49, -47.77, -0.51
CIE _{LCh}	91, 47.775, 180.611
Yxy	79.5603, 0.2464, 0.3593
Android (android.graphics.Color)	4284350438 (0xFF5DFFE6)
YUV	203.7120, 12.9600, -97.0944
Hunter-Lab	89.1966, -46.9145, 4.3790

Details

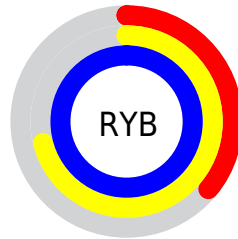
The Hex color **5DFFE6** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light muted cyan. A complement of this color would be **FF5D76**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **9FFFFFF**, and **00C5AF** is the 20% darker color. If you saturate the color by 10%, you get **43FFE2**, and if you desaturate by 10%, it is **77FFEA**.

Distribution



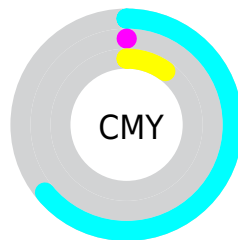
- Red (36%)
- Green (100%)
- Blue (90%)



- Red (36%)
- Yellow (71%)
- Blue (100%)



- Cyan (64%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (64%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DFFE6 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 5DFFE6 by changing the saturation by 10% instead.

 5DFFE6

FFFFFF

 9FFFFFF

 BEFFFF

 DDFFFF

FDFFFF

 5DFFE6

 35E2CA

 00C5AF

 00AA94

 008E7A

 007461

 005A4A

 004233

 002C1E

 000A06

 5DFFE6

 5DFFE6

 43FFE2

 77FFEA

 2AFFDE

 90FFEE

 10FFDA

 AAFFF2

 00FFD8

 C3FFF6

 DDDFFA

 F6FFFE

FFFFFF

Harmonies

Analogous

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



9DFBB8



5DFFE6



12FEFF

Triad

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



5DFFE6



EDDAFF



FFD498

Complementary

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



5DFFE6



FF5D76

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.



FFC7BA



5DFFE6



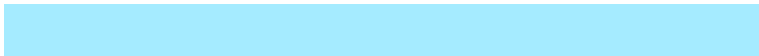
FFCBFF

Square

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



5DFFE6



A5EBFF



FFC3E7



FFE48A

Rectangle

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



5DFFE6



32FAFF



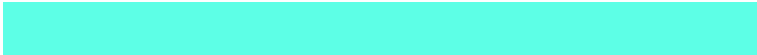
FFC3E7



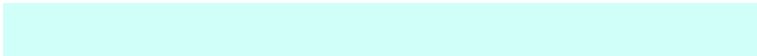
FFCFA1

Sweetspot

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



5DFFE6



CFFFF8



78FF5D



62807B



000000



808080

Same Dimension

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



5DFFE6



3DFFE1



5DC9FF



73807E



00BFA2



004036

Inverse Universe

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



FF5D76



FF3D5B



FF935D



807375



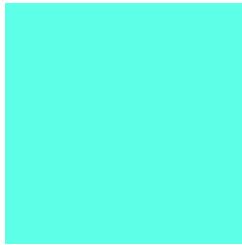
BF001E



40000A

Previews

White Background



This preview shows how the Hex color 5DFFE6 looks on a white background.

Color Contrast Check

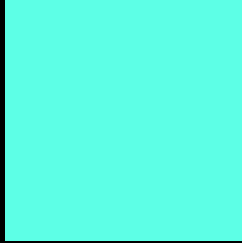
Large Text (above 18pt) WCAG AA × Fail

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 5DFFE6 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 5DFFE6 Background



This preview shows how black text looks on a background with the Hex color 5DFFE6.

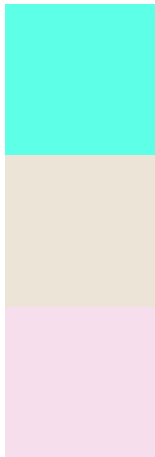


This preview shows how white text looks on a background with the Hex color 5DFFE6.

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](#).

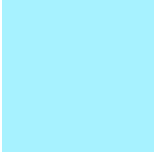
Dichromacy



Original Color
5DFFE6

Protanopia
ECE4D7

Deuteranopia
F7DEED

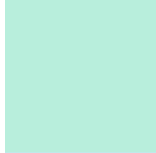


Tritanopia
A7F2FF

Trichromacy



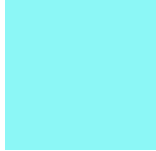
Original Color
5DFFE6



Protanomaly
B8EEDC

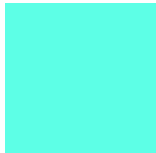


Deuteranomaly
BFEAEA

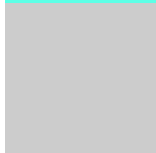


Tritanomaly
8CF7F6

Monochromacy



Original Color
5DFFE6



Achromatopsia
CCCCCC



Achromatomaly
A4DFD5

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DFFE6 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 #5DFFE6 looks like.

```
.text, #text, p{  
    color:#5DFFE6  
}
```

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 #5DFFE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DFFE6  
}
```

Border

The CSS property to change the border of an element to Hex 5DFFE6 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  
#5DFFE6 }
```

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

```
.border{ border-color:#5DFFE6 }
```

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

Here you see how a box with a 4 pixel #5DFFE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DFFE6; -webkit-box-shadow:4px 4px  
4px 4px #5DFFE6; box-shadow:4px 4px 4px  
4px #5DFFE6 }
```

Background

The CSS property to change the background color of an element to Hex 5DFFE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DFFE6 }
```

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

```
.background{ background-color:#5DFFE6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor