

Converting Colors

Hex(5EFFE2)

Have a look what the booklet for
Hex(5EFFE2) contains.

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Color

Hex(5EFFE2)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5EFFE2 |
| RGB | 94, 255, 226 |
| RGB Percent | 37%, 100%, 89% |
| CMY | 0.6314, 0.0000, 0.1137 |
| CMYK | 0.63, 0.00, 0.11, 0.00 |
| HSL | 169°, 100%, 68% |
| HSV | 169°, 63%, 100% |
| XYZ | 54.1036, 79.3907, 84.4239 |
| YIQ | 203.5550, -86.6470, -43.1510 |

Conversions

Conversions Part 2

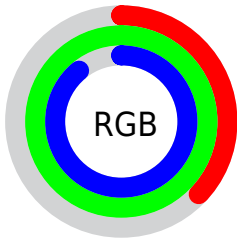
| Format | Color |
|-------------------------------------|--|
| RYB | 94, 182, 255 |
| Decimal | 6225890 |
| CIELab | 91.41, -48.60, 1.45 |
| CIElCh | 91, 48.619, 178.287 |
| Yxy | 79.3907, 0.2483, 0.3643 |
| Android (android.graphics.Color) | 4284415970 (0xFF5EFFE2) |
| YUV | 203.5550, 11.0654, -96.0797 |
| Hunter-Lab | 89.1014, -47.5400, 6.1936 |

Details

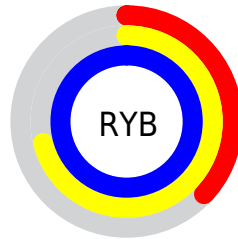
The Hex color **5EFFE2** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **FF5E7B**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **9FFFFFF**, and **00C5AB** is the 20% darker color. If you saturate the color by 10%, you get **45FFDD**, and if you desaturate by 10%, it is **78FFE7**.

Distribution



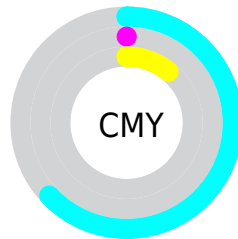
- Red (37%)
- Green (100%)
- Blue (89%)



- Red (37%)
- Yellow (71%)
- Blue (100%)



- Cyan (63%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (63%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EFFE2 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 5EFFE2 by changing the saturation by 10% instead.

 5EFFE2

 5EFFE2

FFFFFF

 37E2C6

 9FFFFFF

 00C5AB

 BFFFFFF

 00AA90

 DEFFFF

 008E77

FDFFFF

 00745E

 005A47

 004230

 002C1B

 000A01

 5EFFE2

 5EFFE2

 45FFDD

 78FFE7

 2BFFD9

 91FFEB

 12FFD4

 ABFFF0

 00FFD1

 C4FFF4

 DEFFF9

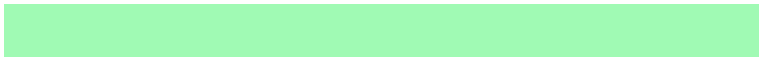
 F7FFFE

 FFFFFFFF

Harmonies

Analogous

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



A0FAB4



5EFFE2



00FEFF

Triad

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



5EFFE2



E8DBFF



FFD298

Complementary

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



5EFFE2



FF5E7B

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.



FFC5BD



5EFFE2



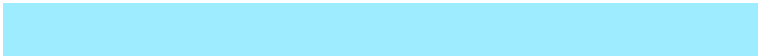
FFCBFF

Square

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



5EFFE2



9DECFE



FFC2EB



FFE388

Rectangle

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



5EFFE2



19FBFF



FFC2EB



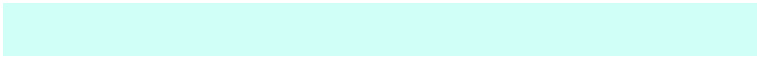
FFCDA3

Sweetspot

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



5EFFE2



CFFFF6



7CFF5E



62807A



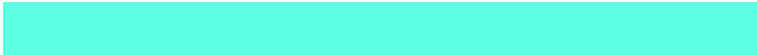
000000



808080

Same Dimension

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



5EFFE2



3DFFDC



5ECCFF



73807D



00BF9D



004034

Inverse Universe

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



FF5E7B



FF3D60



FF915E



807375



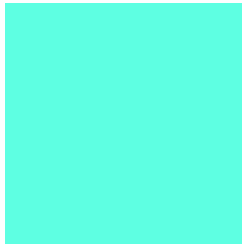
BF0022



40000B

Previews

White Background



This preview shows how the Hex color 5EFFE2 looks on a white background.

Color Contrast Check

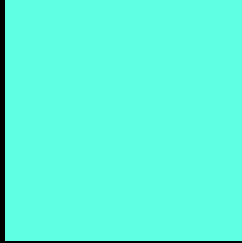
Large Text (above 18pt) WCAG AA × Fail

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 5EFFE2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

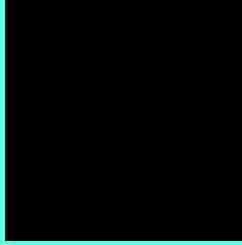
Any Text WCAG AA ✓ Pass

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 5EFFE2 Background



This preview shows how black text looks on a background with the Hex color 5EFFE2.

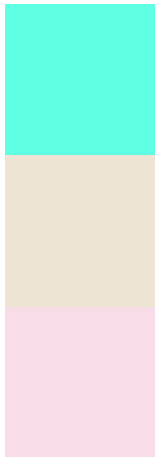


This preview shows how white text looks on a background with the Hex color 5EFFE2.

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](#).

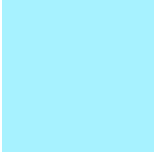
Dichromacy



Original Color
5EFFE2

Protanopia
EDE4D3

Deuteranopia
F8DDE9



Tritanopia
A7F2FF

Trichromacy



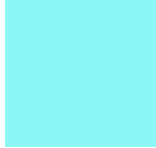
Original Color
5EFFE2



Protanomaly
B9EED8



Deuteranomaly
C0E9E6

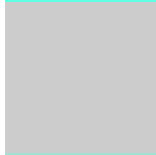


Tritanomaly
8CF7F4

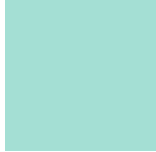
Monochromacy



Original Color
5EFFE2



Achromatopsia
CCCCCC



Achromatomaly
A4DFD4

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EFFE2 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 #5EFFE2 looks like.

```
.text, #text, p{  
    color:#5EFFE2  
}
```

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 #5EFFE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EFFE2  
}
```

Border

The CSS property to change the border of an element to Hex 5EFFE2 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  
#5EFFE2 }
```

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

```
.border{ border-color:#5EF FE2 }
```

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

Here you see how a box with a 4 pixel #5EF FE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EF FE2; -webkit-box-shadow:4px 4px  
4px 4px #5EF FE2; box-shadow:4px 4px 4px  
4px #5EF FE2 }
```

Background

The CSS property to change the background color of an element to Hex 5EFFE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EFFE2 }
```

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

```
.background{ background-color:#5EFFE2 }
```

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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