

Converting Colors

Hex(5FF6E5)

Have a look what the booklet for
Hex(5FF6E5) contains.

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Color

Hex(5FF6E5)

Conversions

Conversions Part 1

Format	Color
Hex	5FF6E5
RGB	95, 246, 229
RGB Percent	37%, 96%, 90%
CMY	0.6275, 0.0353, 0.1020
CMYK	0.61, 0.00, 0.07, 0.04
HSL	173°, 89%, 67%
HSV	173°, 61%, 96%
XYZ	51.8179, 74.0016, 85.6814
YIQ	198.9130, -84.5390, -37.2990

Conversions

Conversions Part 2

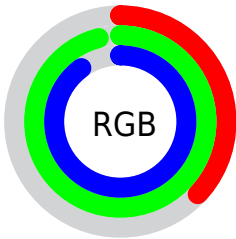
Format	Color
R _Y B	95, 175, 246
Decimal	6289125
CIE Lab	88.92, -43.79, -3.74
CIE LCh	89, 43.954, 184.886
Yxy	74.0016, 0.2450, 0.3499
Android (android.graphics.Color)	4284479205 (0xFF5FF6E5)
YUV	198.9130, 14.8329, -91.1317
Hunter-Lab	86.0242, -43.0202, 1.1632

Details

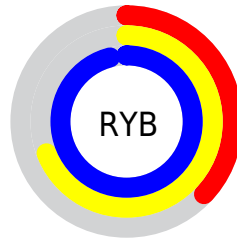
The Hex color **5FF6E5** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **F65F70**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **9FFFFFF**, and **00BDAE** is the 20% darker color. If you saturate the color by 10%, you get **46F6E2**, and if you desaturate by 10%, it is **78F6E8**.

Distribution



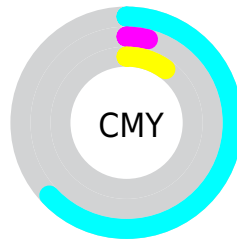
- Red (37%)
- Green (96%)
- Blue (90%)



- Red (37%)
- Yellow (69%)
- Blue (96%)



- Cyan (61%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)



- Cyan (63%)
- Magenta (4%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FF6E5 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 5FF6E5 by changing the saturation by 10% instead.

 5FF6E5

 5FF6E5

FFFFFF

 39D9C9

 9FFFFFF

 00BDAE

 BEFFFF

 00A193

 DDFFFF

 008779

 FCFFFF

 006D61

 005349

 003B33

 00261E

 000005

 5FF6E5

 5FF6E5

 46F6E2

 78F6E8

 2EF6DF

 90F6EB

 15F6DD

 A9F6ED

 00F6DA

 C1F6F0

 DAF6F3

 F3F6F6

 FFF6F8

 FFF6FB

 FFF6FE

Harmonies

Analogous

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



95F3BA



5FF6E5



3CF4FF

Triad

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



5FF6E5



EDD2FF



FFD194

Complementary

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



5FF6E5



F65F70

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.



FFC4B1



5FF6E5



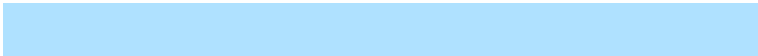
FFC5FF

Square

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



5FF6E5



AFE1FF



FFBFDA



F5DF8B

Rectangle

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



5FF6E5



54F0FF



FFBFDA



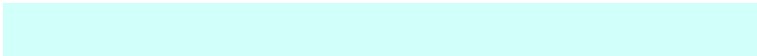
FFCC9C

Sweetspot

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



5FF6E5



D1FFFA



71F65F



63807C



000000



808080

Same Dimension

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



5FF6E5



42FFEA



5FBCF6



6E7A79



00BAA5



003B34

Inverse Universe

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



F65F70



FF4258



F6995F



7A6E70



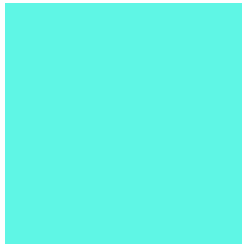
BA0015



3B0007

Previews

White Background



This preview shows how the Hex color 5FF6E5 looks on a white background.

Color Contrast Check

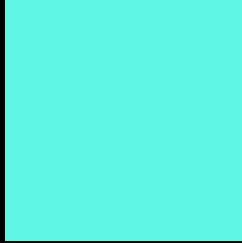
Large Text (above 18pt) WCAG AA × Fail

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 5FF6E5 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 5FF6E5 Background



This preview shows how black text looks on a background with the Hex color 5FF6E5.

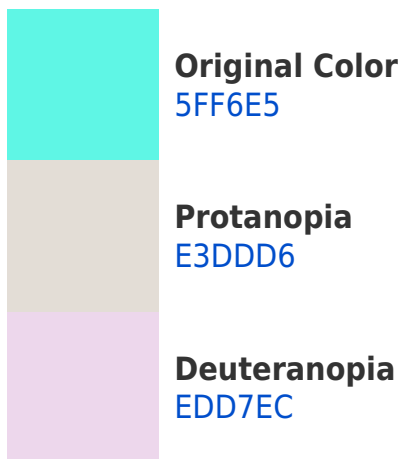


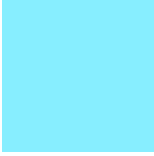
This preview shows how white text looks on a background with the Hex color 5FF6E5.

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
87EEFF

Trichromacy



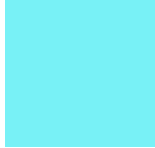
Original Color
5FF6E5



Protanomaly
B3E6DB



Deuteranomaly
B9E2E9

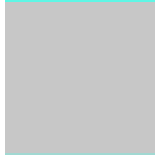


Tritanomaly
78F1F6

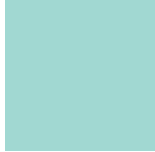
Monochromacy



Original Color
5FF6E5



Achromatopsia
C7C7C7



Achromatomaly
A1D8D2

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FF6E5 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 #5FF6E5 looks like.

```
.text, #text, p{  
    color:#5FF6E5  
}
```

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 #5FF6E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FF6E5
}
```

Border

The CSS property to change the border of an element to Hex 5FF6E5 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
#5FF6E5 }
```

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

```
.border{ border-color:#5FF6E5 }
```

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

Here you see how a box with a 4 pixel #5FF6E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FF6E5; -webkit-box-shadow:4px 4px  
4px 4px #5FF6E5; box-shadow:4px 4px 4px  
4px #5FF6E5 }
```

Background

The CSS property to change the background color of an element to Hex 5FF6E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FF6E5 }
```

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

```
.background{ background-color:#5FF6E5 }
```

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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