

Converting Colors

Hex(5FDFFF)

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

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Color

Hex(5FDFFF)

Conversions

Conversions Part 1

Format	Color
Hex	5FDFFF
RGB	95, 223, 255
RGB Percent	37%, 87%, 100%
CMY	0.6275, 0.1255, 0.0000
CMYK	0.63, 0.13, 0.00, 0.00
HSL	192°, 100%, 69%
HSV	192°, 63%, 100%
XYZ	49.1570, 62.4282, 104.0668
YIQ	188.3760, -86.5600, -17.1840

Conversions

Conversions Part 2

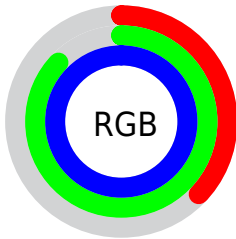
Format	Color
R_{YB}	95, 166, 255
Decimal	6283263
CIE _{Lab}	83.14, -25.98, -26.07
CIE _{LCh}	83, 36.811, 225.099
Yxy	62.4282, 0.2279, 0.2895
Android (android.graphics.Color)	4284473343 (0xFF5FDFFF)
YUV	188.3760, 32.8456, -81.8908
Hunter-Lab	79.0115, -27.2165, -22.7833

Details

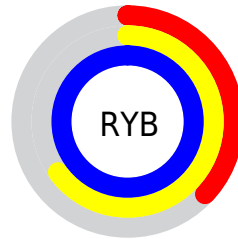
The Hex color **5FDFFF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **FF7F5F**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **9FFFFFF**, and **00A8C6** is the 20% darker color. If you saturate the color by 10%, you get **45DAFF**, and if you desaturate by 10%, it is **79E4FF**.

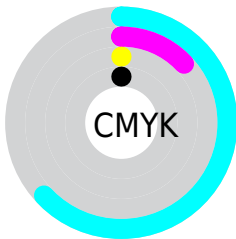
Distribution



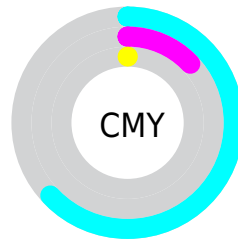
- Red (37%)
- Green (87%)
- Blue (100%)



- Red (37%)
- Yellow (65%)
- Blue (100%)



- Cyan (63%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 5FDFFF

 5FDFFF

FFFFFF

 39C3E2

 9FFFFFF

 00A8C6

 BEFFFF

 008DAB

 DDFFFF

 007390

 FCFFFF

 005A77

 00425E

 002C46

 00152F

 00011A

 5FDFFF

 5FDFFF

 45DAFF

 79E4FF

 2CD5FF

 92E9FF

 12D0FF

 ACEEFF

 00CCFF

 C5F3FF

 DFF9FF

 F8FEFF

 FFFFFFFF

Harmonies

Analogous

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



62E2E0



5FDFFF



87D8FF

Triad

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



5FDFFF



FFB7E2



D5D38C

Complementary

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



5FDFFF



FF7F5F

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.



F6C78D



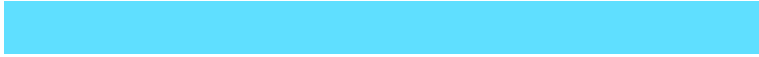
5FDFFF



FFB5BF

Square

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



5FDFFF



EAC0FF



FFBCA0



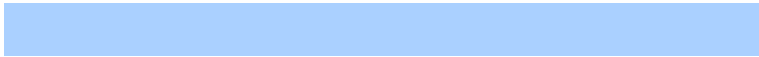
AEDC9D

Rectangle

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



5FDFFF



AAD0FF



FFBCA0



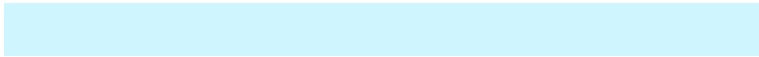
E1CF8A

Sweetspot

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



5FDFFF



CFF5FF



5FFF7F



627A80



000000



808080

Same Dimension

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



5FDFFF



40D9FF



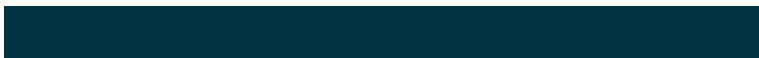
5F8FFF



737D80



0099BF



003340

Inverse Universe

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



FF5FDF



FF40D9



FFCF5F



80737D



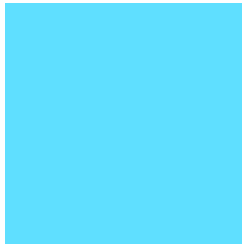
BF0099



400033

Previews

White Background



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

Color Contrast Check

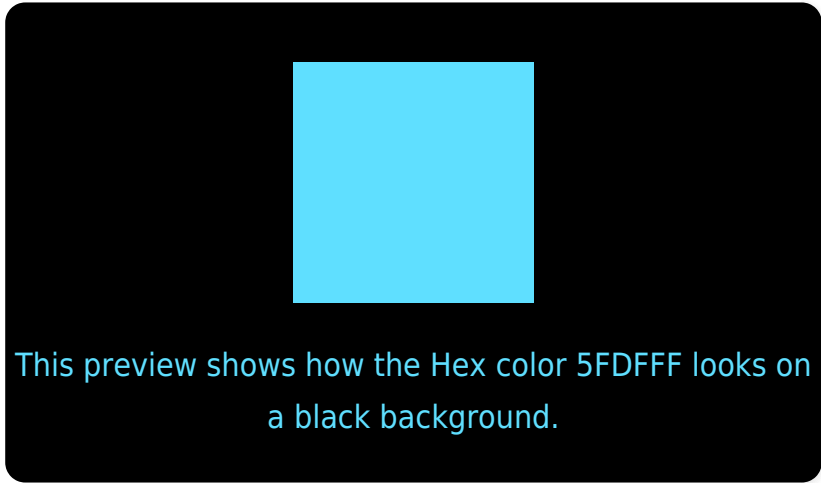
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 5FDFFF Background



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

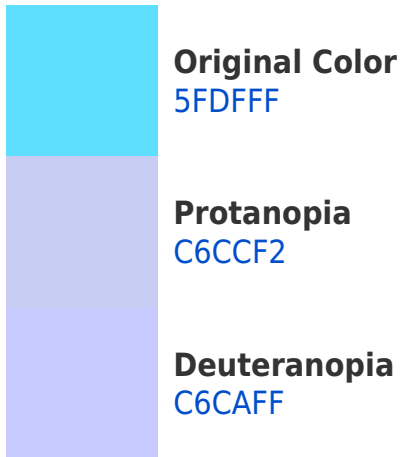


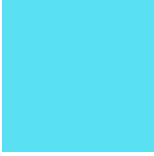
This preview shows how white text looks on a background with the Hex color 5FDFFF.

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
59E1F3

Trichromacy



Original Color
5FDFFF



Protanomaly
A1D3F7



Deuteranomaly
A1D2FF

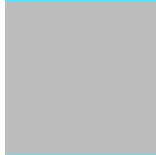


Tritanomaly
5BE0F7

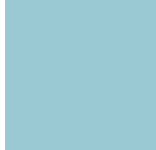
Monochromacy



Original Color
5FDFFF



Achromatopsia
BCBCBC



Achromatomaly
9AC9D4

CSS Examples

Text

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

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

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 #5FDFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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