

# Converting Colors

Hex(5FFDF2)

Have a look what the booklet for  
Hex(5FFDF2) contains.

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# **Color**

**Hex(5FFDF2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FFDF2
RGB	95, 253, 242
RGB Percent	37%, 99%, 95%
CMY	0.6275, 0.0078, 0.0510
CMYK	0.62, 0.00, 0.04, 0.01
HSL	176°, 98%, 68%
HSV	176°, 62%, 99%
XYZ	55.8716, 79.0943, 96.3264
YIQ	204.5040, -90.6370, -36.9170

# Conversions

## Conversions Part 2

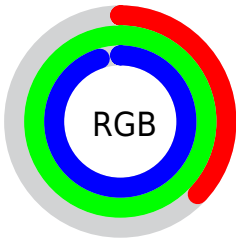
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 177, 253
Decimal	6290930
CIELab	91.28, -43.55, -7.04
CIELCh	91, 44.119, 189.176
Yxy	79.0943, 0.2416, 0.3420
Android (android.graphics.Color)	4284481010 (0xFF5FFDF2)
YUV	204.5040, 18.4855, -96.0350
Hunter-Lab	88.9350, -43.4971, -1.9632

# Details

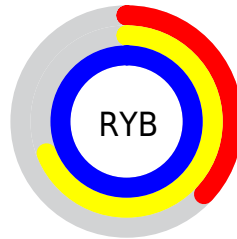
The Hex color **5FFDF2** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **FD5F6A**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **A1FFFF**, and **00C4BA** is the 20% darker color. If you saturate the color by 10%, you get **46FDF0**, and if you desaturate by 10%, it is **78FDF4**.

# Distribution



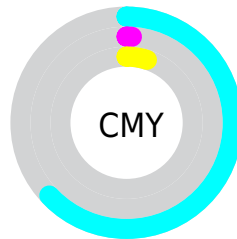
- Red (37%)
- Green (99%)
- Blue (95%)



- Red (37%)
- Yellow (69%)
- Blue (99%)



- Cyan (62%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)



- Cyan (63%)
- Magenta (1%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FFDF2 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 5FFDF2 by changing the saturation by 10% instead.



 5FFDF2

FFFFFF

 A1FFFF

 C0FFFF

 DFFFFF

 5FFDF2


 37E0D6

 00C4BA

 00A89F

 008D85

 00736C

 005954

 00413D

 002B27

 000A13

 5FFDF2

 5FFDF2

 46FDF0

 78FDF4

 2CFDEE

 92FDF6

 13FDED

 ABFDF7

 00FDEB

 C4FDF9

 DEFDFB

 F7FDFD

 FFFDFE

 FFFDFE

# Harmonies

## Analogous

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



94FBC7



5FFDF2



48FAFF

# Triad

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



5FFDF2



FCD6FF



FFD998

# Complementary

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



5FFDF2



FD5F6A

# 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.



FFCCB3



5FFDF2



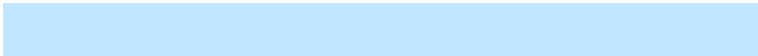
FFCAFF

# Square

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



5FFDF2



BFE6FF



FFC5DA



F6E892

# Rectangle

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



5FFDF2



65F6FF



FFC5DA



FFD49F



# Sweetspot

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



5FFDF2



CFFFFC



6CFD5F



62807D



000000



808080



# Same Dimension

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



5FFDF2



40FFF2



5FBBFD



73807F



00BFB2



00403B



# Inverse Universe

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



FD5F6A



FF404D



FDA15F



807374



BF000D

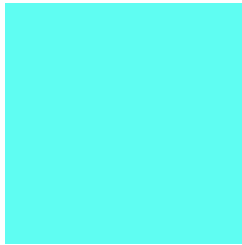


400004



# Previews

## White Background



This preview shows how the Hex color 5FFDF2 looks on a white background.

## Color Contrast Check

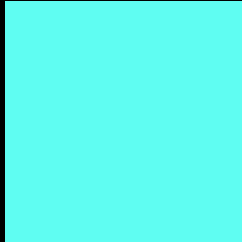
Large Text (above 18pt) WCAG AA × Fail

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 5FFDF2 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 5FFDF2 Background



This preview shows how black text looks on a background with the Hex color 5FFDF2.

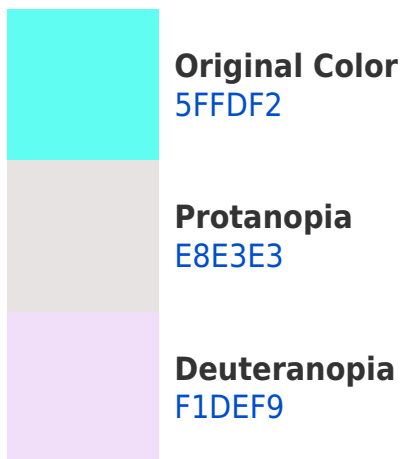


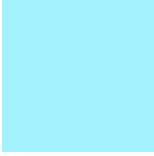
This preview shows how white text looks on a background with the Hex color 5FFDF2.

# 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



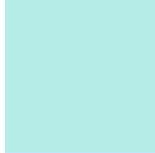


**Tritanopia**  
A5F2FF

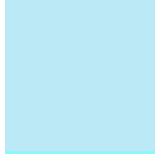
# Trichromacy



**Original Color**  
5FFDF2



**Protanomaly**  
B6ECE8



**Deuteranomaly**  
BCE9F6

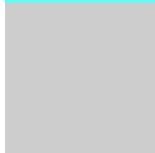


**Tritanomaly**  
8CF6FA

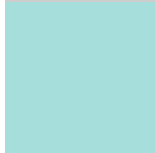
# Monochromacy



**Original Color**  
5FFDF2



**Achromatopsia**  
CDCDCD



**Achromatomaly**  
A5DEDA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FFDF2 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 #5FFDF2 looks like.

```
.text, #text, p{  
    color:#5FFDF2  
}
```

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 #5FFDF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FFDF2
}
```

## Border

The CSS property to change the border of an element to Hex 5FFDF2 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
#5FFDF2 }
```

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

```
.border{ border-color:#5FFDF2 }
```

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

Here you see how a box with a 4 pixel #5FFDF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FFDF2; -webkit-box-shadow:4px 4px  
4px 4px #5FFDF2; box-shadow:4px 4px 4px  
4px #5FFDF2 }
```

# Background

The CSS property to change the background color of an element to Hex 5FFDF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FFDF2 }
```

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

```
.background{ background-color:#5FFDF2 }
```

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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