

Converting Colors

Hex(3DF5B5)

Have a look what the booklet for
Hex(3DF5B5) contains.

Hex(3DF5B5)	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(3DF5B5)

Conversions

Conversions Part 1

Format	Color
Hex	3DF5B5
RGB	61, 245, 181
RGB Percent	24%, 96%, 71%
CMY	0.7608, 0.0392, 0.2902
CMYK	0.75, 0.00, 0.26, 0.04
HSL	159°, 90%, 60%
HSV	159°, 75%, 96%
XYZ	42.9174, 69.6331, 54.8946
YIQ	182.6880, -89.1200, -58.9120

Conversions

Conversions Part 2

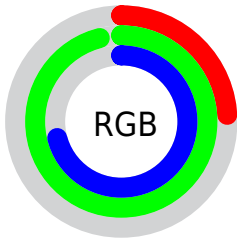
Format	Color
RYB	61, 172, 245
Decimal	4060597
CIELab	86.82, -59.58, 18.09
CIELCh	87, 62.270, 163.111
Yxy	69.6331, 0.2563, 0.4159
Android (android.graphics.Color)	4282250677 (0xFF3DF5B5)
YUV	182.6880, -0.8322, -106.7204
Hunter-Lab	83.4465, -54.2269, 19.4090

Details

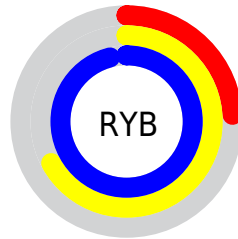
The Hex color **3DF5B5** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **F53D7D**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **86FFED**, and **00BB80** is the 20% darker color. If you saturate the color by 10%, you get **24F5AC**, and if you desaturate by 10%, it is **56F5BE**.

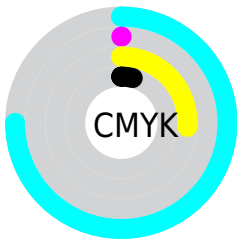
Distribution



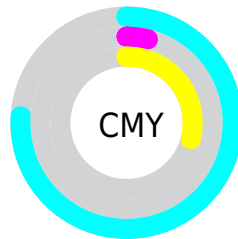
- Red (24%)
- Green (96%)
- Blue (71%)



- Red (24%)
- Yellow (67%)
- Blue (96%)



- Cyan (75%)
- Magenta (0%)
- Yellow (26%)
- Black (4%)



- Cyan (76%)
- Magenta (4%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DF5B5 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 3DF5B5 by changing the saturation by 10% instead.

 3DF5B5

 3DF5B5

FFFFFF

 00D89A

 86FFED

 00BB80

 A6FFFF

 00A067

 C5FFFF

 00854F

 E5FFFF

 006A37

 005021

 00380C

 002000

 000000

 3DF5B5

 3DF5B5

 24F5AC

 56F5BE

 0CF5A4

 6EF5C6

 00F5A0

 86F5CF

 9FF5D7

 B7F5E0

 D0F5E8

 E9F5F1

 FFF5F9

 FFF5FF

Harmonies

Analogous

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



A1ED80



3DF5B5



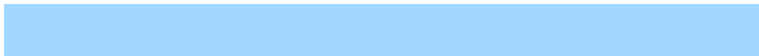
00F7F2

Triad

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



3DF5B5



A4D7FF



FFB58B

Complementary

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



3DF5B5



F53D7D

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.



FFA7C2



3DF5B5



FFC0FF

Square

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



3DF5B5



00E9FF



FFACFD



FFCA66

Rectangle

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



3DF5B5



00F6FF



FFACFD



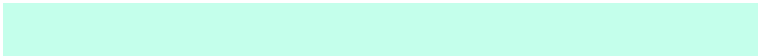
FFAF9C

Sweetspot

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



3DF5B5



C4FFEB



7DF53D



5C8073



000000



808080

Same Dimension

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



3DF5B5



19FFAF



3DD9F5



6E7A76



00BA79



003B26

Inverse Universe

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



F53D7D



FF1969



F5593D



7A6E72



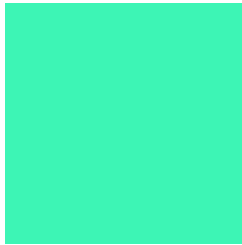
BA0041



3B0014

Previews

White Background



This preview shows how the Hex color 3DF5B5 looks on a white background.

Color Contrast Check

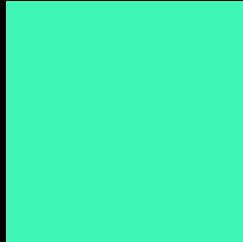
Large Text (above 18pt) WCAG AA × Fail

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 3DF5B5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

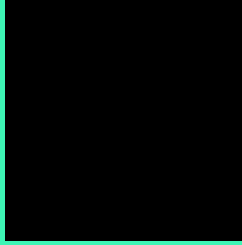
Any Text WCAG AA ✓ Pass

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 3DF5B5 Background



This preview shows how black text looks on a background with the Hex color 3DF5B5.

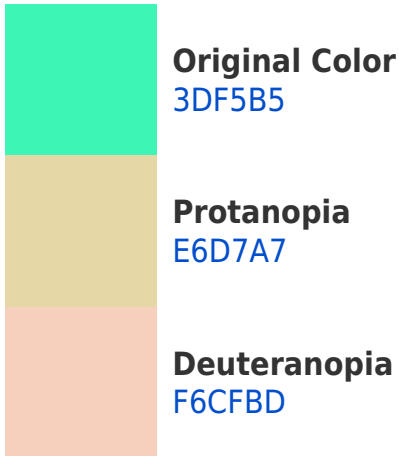


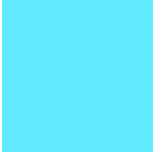
This preview shows how white text looks on a background with the Hex color 3DF5B5.

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
61EBFE

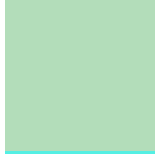
Trichromacy



Original Color
3DF5B5



Protanomaly
A9E2AC



Deuteranomaly
B3DDBA



Tritanomaly
54EFE3

Monochromacy



Original Color
3DF5B5



Achromatopsia
B7B7B7



Achromatomaly
8BCEB6

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DF5B5 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 #3DF5B5 looks like.

```
.text, #text, p{  
    color:#3DF5B5  
}
```

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 #3DF5B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DF5B5
}
```

Border

The CSS property to change the border of an element to Hex 3DF5B5 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
#3DF5B5 }
```

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

```
.border{ border-color:#3DF5B5 }
```

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

Here you see how a box with a 4 pixel #3DF5B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DF5B5; -webkit-box-shadow:4px 4px  
4px 4px #3DF5B5; box-shadow:4px 4px 4px  
4px #3DF5B5 }
```

Background

The CSS property to change the background color of an element to Hex 3DF5B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DF5B5 }
```

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

```
.background{ background-color:#3DF5B5 }
```

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