

Converting Colors

Hex(38FAB5)

Have a look what the booklet for
Hex(38FAB5) contains.

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Color

Hex(38FAB5)

Conversions

Conversions Part 1

Format	Color
Hex	38FAB5
RGB	56, 250, 181
RGB Percent	22%, 98%, 71%
CMY	0.7804, 0.0196, 0.2902
CMYK	0.78, 0.00, 0.28, 0.02
HSL	159°, 95%, 60%
HSV	159°, 78%, 98%
XYZ	44.1570, 72.5482, 55.3919
YIQ	184.1280, -93.4750, -62.5870

Conversions

Conversions Part 2

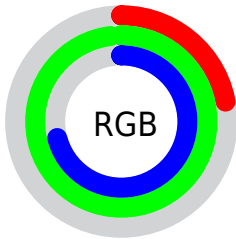
Format	Color
RYB	56, 174, 250
Decimal	3734197
CIELab	88.23, -62.03, 20.05
CIELCh	88, 65.186, 162.085
Yxy	72.5482, 0.2566, 0.4216
Android (android.graphics.Color)	4281924277 (0xFF38FAB5)
YUV	184.1280, -1.5421, -112.3683
Hunter-Lab	85.1752, -56.5177, 21.0646

Details

The Hex color **38FAB5** 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 **FA387D**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **84FFED**, and **00C080** is the 20% darker color. If you saturate the color by 10%, you get **1FFAAC**, and if you desaturate by 10%, it is **51FABE**.

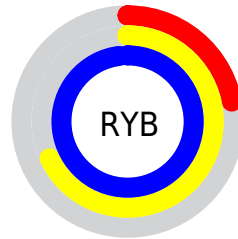
Distribution



Red (22%)

Green (98%)

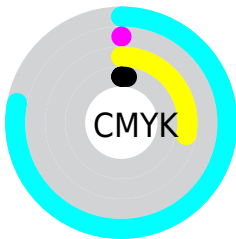
Blue (71%)



Red (22%)

Yellow (68%)

Blue (98%)

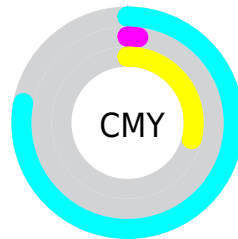


Cyan (78%)

Magenta (0%)

Yellow (28%)

Black (2%)



Cyan (78%)

Magenta (2%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38FAB5 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 38FAB5 by changing the saturation by 10% instead.

 38FAB5

 38FAB5

FFFFFF

 00DD9A

 84FFED

 00C080

 A4FFFF

 00A467

 C4FFFF

 00894E

 E4FFFF

 006E37

 005421

 003C0B

 002300

 000000

 38FAB5

 38FAB5

 1FFAAC

 51FABE

 06FAA3

 6AFAC7

 00FAA1

 83FAD0

 9CFAD9

 B5FAE1

 CEFAEA

 E7FAF3

 FFFAFC

 FFFAFF

Harmonies

Analogous

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



A5F17D



38FAB5



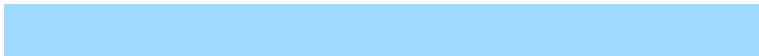
00FDF5

Triad

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



38FAB5



A0DBFF



FFB68D

Complementary

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



38FAB5



FA387D

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.



FFA8C7



38FAB5



FFC3FF

Square

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



38FAB5



00EEFF



FFAEFF



FFCD65

Rectangle

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



38FAB5



00FBFF



FFAEFF



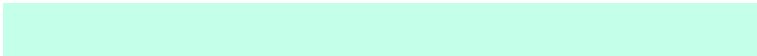
FFB09F

Sweetspot

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



38FAB5



C4FFEA



7FFA38



5C8073



000000



808080

Same Dimension

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



38FAB5



12FFAB



38E0FA



707D79



00BD7A



003D27

Inverse Universe

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



FA387D



FF1266



FA5238



7D7075



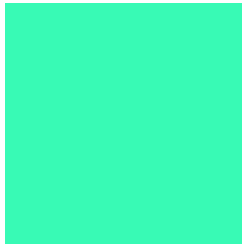
BD0043



3D0016

Previews

White Background



This preview shows how the Hex color 38FAB5 looks on a white background.

Color Contrast Check

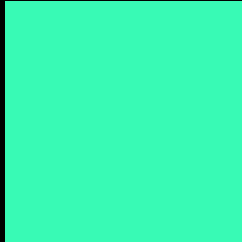
Large Text (above 18pt) WCAG AA × Fail

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 38FAB5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

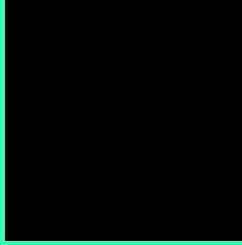
Any Text WCAG AA ✓ Pass

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 38FAB5 Background



This preview shows how black text looks on a background with the Hex color 38FAB5.

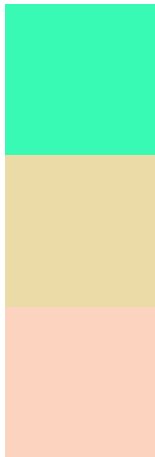


This preview shows how white text looks on a background with the Hex color 38FAB5.

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](#).

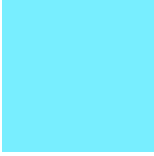
Dichromacy



Original Color
38FAB5

Protanopia
EADBA7

Deuteranopia
FBD3BE



Tritanopia
78EEFF

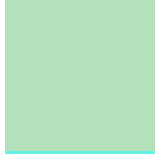
Trichromacy



Original Color
38FAB5



Protanomaly
A9E6AC



Deuteranomaly
B4E1BB

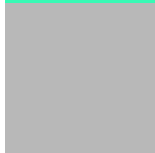


Tritanomaly
61F2E4

Monochromacy



Original Color
38FAB5



Achromatopsia
B8B8B8



Achromatomaly
89D0B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 38FAB5 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 #38FAB5 looks like.

```
.text, #text, p{  
    color:#38FAB5  
}
```

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 #38FAB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38FAB5  
}
```

Border

The CSS property to change the border of an element to Hex 38FAB5 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  
#38FAB5 }
```

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

```
.border{ border-color:#38FAB5 }
```

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

Here you see how a box with a 4 pixel #38FAB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38FAB5; -webkit-box-shadow:4px 4px  
4px 4px #38FAB5; box-shadow:4px 4px 4px  
4px #38FAB5 }
```

Background

The CSS property to change the background color of an element to Hex 38FAB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38FAB5 }
```

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

```
.background{ background-color:#38FAB5 }
```

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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