

Converting Colors

Hex(3AFED8)

Have a look what the booklet for
Hex(3AFED8) contains.

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Color

Hex(3AFED8)

Conversions

Conversions Part 1

Format	Color
Hex	3AFED8
RGB	58, 254, 216
RGB Percent	23%, 100%, 85%
CMY	0.7725, 0.0039, 0.1529
CMYK	0.77, 0.00, 0.15, 0.00
HSL	168°, 99%, 61%
HSV	168°, 77%, 100%
XYZ	49.5814, 76.7410, 77.1650
YIQ	191.0640, -104.6180, -53.3700

Conversions

Conversions Part 2

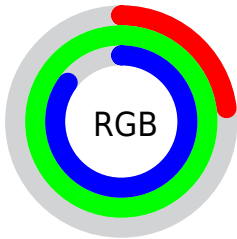
Format	Color
R _Y B	58, 167, 254
Decimal	3866328
CIE Lab	90.20, -55.27, 4.79
CIE LCh	90, 55.478, 175.043
Yxy	76.7410, 0.2437, 0.3771
Android (android.graphics.Color)	4282056408 (0xFF3AFED8)
YUV	191.0640, 12.2934, -116.6971
Hunter-Lab	87.6020, -52.2751, 9.0952

Details

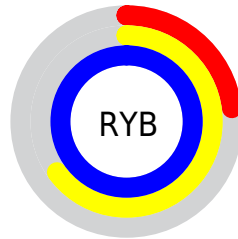
The Hex color **3AFED8** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FE3A60**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **87FFFF**, and **00C4A1** is the 20% darker color. If you saturate the color by 10%, you get **21FED3**, and if you desaturate by 10%, it is **53FEDD**.

Distribution



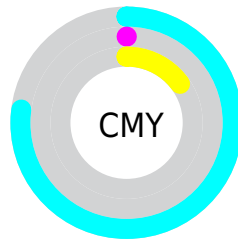
- Red (23%)
- Green (100%)
- Blue (85%)



- Red (23%)
- Yellow (65%)
- Blue (100%)



- Cyan (77%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (77%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AFED8 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 3AFED8 by changing the saturation by 10% instead.

 3AFED8

 3AFED8

FFFFFF

 00E1BC

 87FFFF

 00C4A1

 A8FFFF

 00A887

 C8FFFF

 008D6E

 E8FFFF

 007256

 00593E

 004029

 002914

 000100

 3AFED8

 3AFED8

 21FED3

 53FEDD

 07FECE

 6DFEE2

 00FECD

 86FEE7

 A0FEEC

 B9FEF1

 D2FEF6

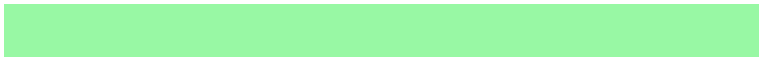
 ECFEFA

FFFEFF

Harmonies

Analogous

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



98F8A4



3AFED8



00FEFF

Triad

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



3AFED8



DAD8FF



FFCA8D

Complementary

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



3AFED8



FE3A60

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.



FFBBB9



3AFED8



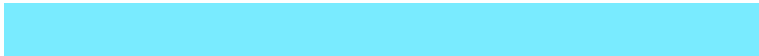
FFC5FF

Square

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



3AFED8



79EBFF



FFB8EE



FFDD77

Rectangle

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



3AFED8



00FBFF



FFB8EE



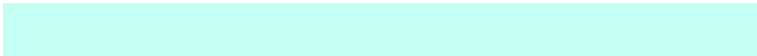
FFC49A

Sweetspot

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



3AFED8



C4FFF4



61FE3A



5C8079



000000



808080

Same Dimension

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



3AFED8



12FFD1



3AC3FE



73807D



00BF9A



004033

Inverse Universe

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



FE3A60



FF1240



FE753A



807375



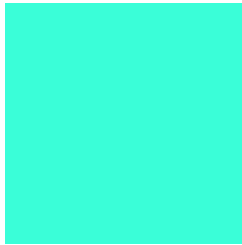
BF0025



40000C

Previews

White Background



This preview shows how the Hex color 3AFED8 looks on a white background.

Color Contrast Check

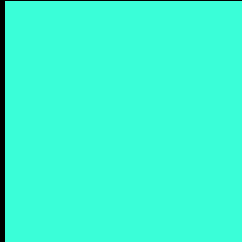
Large Text (above 18pt) WCAG AA × Fail

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 3AFED8 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 3AFED8 Background



This preview shows how black text looks on a background with the Hex color 3AFED8.

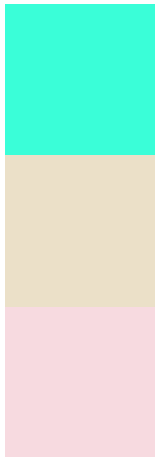


This preview shows how white text looks on a background with the Hex color 3AFED8.

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](#).

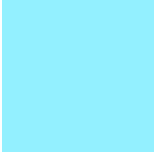
Dichromacy



Original Color
3AFED8

Protanopia
EBE0C8

Deuteranopia
F7DAE0



Tritanopia
93F0FF

Trichromacy



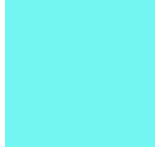
Original Color
3AFED8



Protanomaly
ABEBCE



Deuteranomaly
B2E7DD

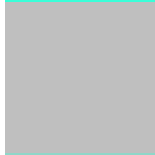


Tritanomaly
73F5F1

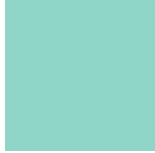
Monochromacy



Original Color
3AFED8



Achromatopsia
BFBFBF



Achromatomaly
8FD6C8

CSS Examples

Text

The CSS property to change the color of the text to Hex 3AFED8 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 #3AFED8 looks like.

```
.text, #text, p{  
    color:#3AFED8  
}
```

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 #3AFED8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AFED8
}
```

Border

The CSS property to change the border of an element to Hex 3AFED8 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
#3AFED8 }
```

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

```
.border{ border-color:#3AFED8 }
```

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

Here you see how a box with a 4 pixel #3AFED8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AFED8; -webkit-box-shadow:4px 4px  
4px 4px #3AFED8; box-shadow:4px 4px 4px  
4px #3AFED8 }
```

Background

The CSS property to change the background color of an element to Hex 3AFED8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AFED8 }
```

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

```
.background{ background-color:#3AFED8 }
```

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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