

Converting Colors

Hex(3FFFA0)

Have a look what the booklet for
Hex(3FFFA0) contains.

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Color

Hex(3FFFA0)

Conversions

Conversions Part 1

Format	Color
Hex	3FFFA0
RGB	63, 255, 160
RGB Percent	25%, 100%, 63%
CMY	0.7529, 0.0000, 0.3725
CMYK	0.75, 0.00, 0.37, 0.00
HSL	150°, 100%, 62%
HSV	150°, 75%, 100%
XYZ	44.1551, 75.1148, 45.4291
YIQ	186.7620, -83.9370, -70.2490

Conversions

Conversions Part 2

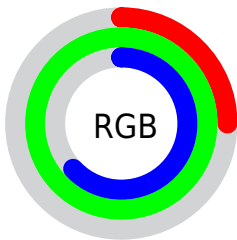
Format	Color
RYB	63, 191, 255
Decimal	4194208
CIELab	89.45, -67.27, 32.36
CIElCh	89, 74.646, 154.312
Yxy	75.1148, 0.2681, 0.4561
Android (android.graphics.Color)	4282384288 (0xFF3FFFA0)
YUV	186.7620, -13.1937, -108.5393
Hunter-Lab	86.6688, -60.7302, 29.5902

Details

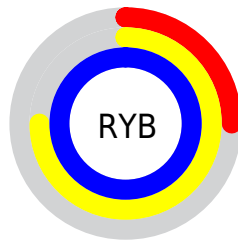
The Hex color **3FFFA0** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **FF3F9E**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **89FFD7**, and **00C56C** is the 20% darker color. If you saturate the color by 10%, you get **25FF93**, and if you desaturate by 10%, it is **59FFAD**.

Distribution



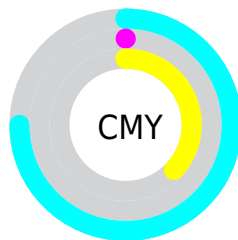
- Red (25%)
- Green (100%)
- Blue (63%)



- Red (25%)
- Yellow (75%)
- Blue (100%)



- Cyan (75%)
- Magenta (0%)
- Yellow (37%)
- Black (0%)



- Cyan (75%)
- Magenta (0%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Hex color 3FFFA0 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 3FFFA0 by changing the saturation by 10% instead.

 3FFFA0

 3FFFA0

FFFFFF

 00E285

 89FFD7

 00C56C

 A9FFF4

 00A952

 C9FFFF

 008D3A

 E8FFFF

 007222

 005809

 003F00

 002600

 000000

 3FFFA0

 3FFFA0

 25FF93

 59FFAD

 0CFF87

 72FFB9

 00FF81

 8CFFC6

 A5FFD2

 BFFDFD

 D8FFEC

 F2FFF8

FFFFFF

Harmonies

Analogous

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



B4F463



3FFFA0



00FFE9

Triad

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



3FFFA0



5BE5FF



FFAC94

Complementary

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



3FFFA0



FF3F9E

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.



FFA0D9



3FFFA0



F1CAFF

Square

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



3FFFA0



00F8FF



FFADFF



FFC65E

Rectangle

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



3FFFA0



00FFFF



FFADFF



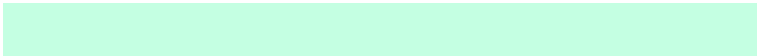
FFA5AA

Sweetspot

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



3FFFA0



C4FFE2



9FFF3F



5C806E



000000



808080

Same Dimension

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



3FFFA0



19FF8D



3FFFFFF



738079



00BF61



004020

Inverse Universe

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



FF3F9E



FF198B



FF3F3F



807379



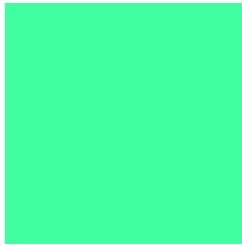
BF005F



400020

Previews

White Background



This preview shows how the Hex color 3FFFA0 looks on a white background.

Color Contrast Check

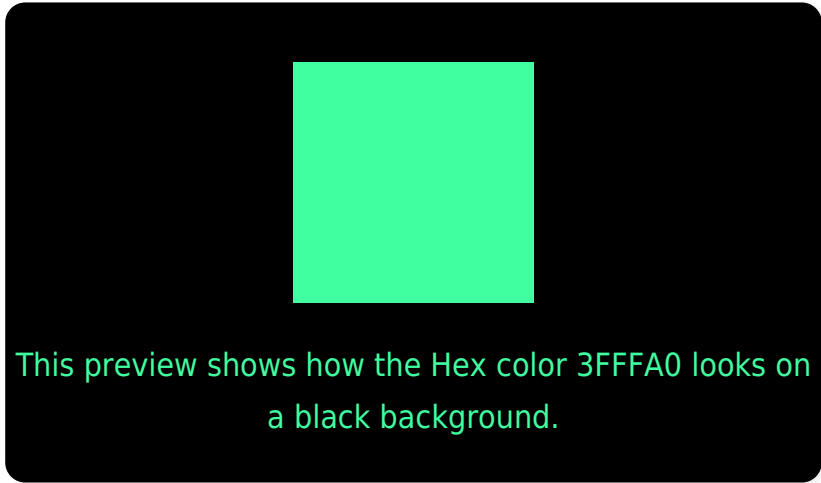
Large Text (above 18pt) WCAG AA × Fail

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

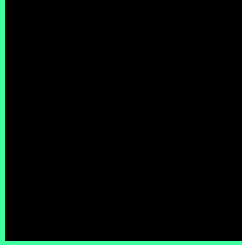
Any Text WCAG AA ✓ Pass

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 3FFFA0 Background



This preview shows how black text looks on a background with the Hex color 3FFFA0.

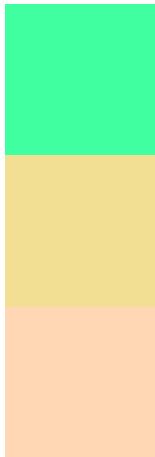


This preview shows how white text looks on a background with the Hex color 3FFFA0.

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](#).

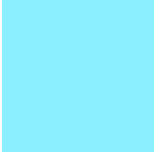
Dichromacy



Original Color
3FFFA0

Protanopia
F2DF93

Deuteranopia
FFD7B5



Tritanopia
8CEFF

Trichromacy



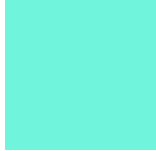
Original Color
3FFFA0



Protanomaly
B1EB98



Deuteranomaly
B9E6AD

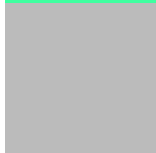


Tritanomaly
70F5DC

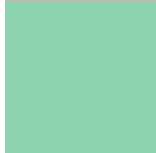
Monochromacy



Original Color
3FFFA0



Achromatopsia
BBBBBB



Achromatomaly
8ED4B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FFFA0 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 #3FFFA0 looks like.

```
.text, #text, p{  
    color:#3FFFA0  
}
```

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 #3FFFA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FFFA0
}
```

Border

The CSS property to change the border of an element to Hex 3FFFA0 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
#3FFFA0 }
```

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

```
.border{ border-color:#3FFFA0 }
```

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

Here you see how a box with a 4 pixel #3FFFA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FFFA0; -webkit-box-shadow:4px 4px  
4px 4px #3FFFA0; box-shadow:4px 4px 4px  
4px #3FFFA0 }
```

Background

The CSS property to change the background color of an element to Hex 3FFFA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FFFA0 }
```

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

```
.background{ background-color:#3FFFA0 }
```

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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