

Converting Colors

Hex(3FFFA6)

Have a look what the booklet for
Hex(3FFFA6) contains.

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Color

Hex(3FFFA6)

Conversions

Conversions Part 1

Format	Color
Hex	3FFFA6
RGB	63, 255, 166
RGB Percent	25%, 100%, 65%
CMY	0.7529, 0.0000, 0.3490
CMYK	0.75, 0.00, 0.35, 0.00
HSL	152°, 100%, 62%
HSV	152°, 75%, 100%
XYZ	44.6928, 75.3299, 48.2610
YIQ	187.4460, -85.8630, -68.3830

Conversions

Conversions Part 2

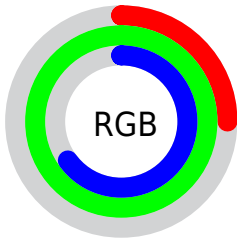
Format	Color
RYB	63, 188, 255
Decimal	4194214
CIELab	89.55, -66.14, 29.49
CIELCh	90, 72.412, 155.969
Yxy	75.3299, 0.2656, 0.4476
Android (android.graphics.Color)	4282384294 (0xFF3FFFA6)
YUV	187.4460, -10.5729, -109.1391
Hunter-Lab	86.7928, -59.9712, 27.7869

Details

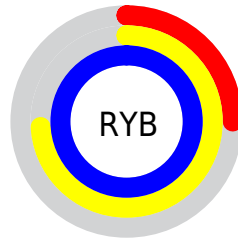
The Hex color **3FFFA6** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **FF3F98**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **89FFDE**, and **00C571** is the 20% darker color. If you saturate the color by 10%, you get **25FF9A**, and if you desaturate by 10%, it is **59FFB2**.

Distribution



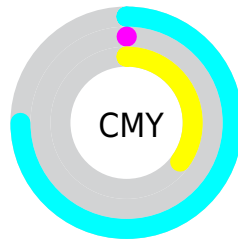
- Red (25%)
- Green (100%)
- Blue (65%)



- Red (25%)
- Yellow (74%)
- Blue (100%)



- Cyan (75%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)



- Cyan (75%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FFFA6 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 3FFFA6 by changing the saturation by 10% instead.

 3FFFA6

 3FFFA6

FFFFFF

 00E28B

 89FFDE

 00C571

 A9FFFA

 00A958

 C9FFFF

 008D40

 E8FFFF

 007229

 005811

 003F00

 002700

 000000

 3FFFA6

 3FFFA6

 25FF9A

 59FFB2

 0CFF8E

 72FFBE

 00FF89

 8CFFC9

 A5FFD5

 BFFFE1

 D8FFED

 F2FFF9

FFFFFF

Harmonies

Analogous

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



B2F46B



3FFFA6



00FFED

Triad

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



3FFFA6



72E4FF



FFAF93

Complementary

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



3FFFA6



FF3F98

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.



FFA3D6



3FFFA6



F7C9FF

Square

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



3FFFA6



00F7FF



FFAEFF



FFC960

Rectangle

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



3FFFA6



00FFFF



FFAEFF



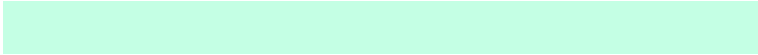
FFA9A8

Sweetspot

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



3FFFA6



C4FFE4



99FF3F



5C806F



000000



808080

Same Dimension

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



3FFFA6



19FF95



3FF9FF



73807A



00BF67



004022

Inverse Universe

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



FF3F98



FF1984



FF453F



807379



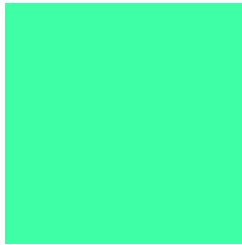
BF0059



40001E

Previews

White Background



This preview shows how the Hex color 3FFFA6 looks on a white background.

Color Contrast Check

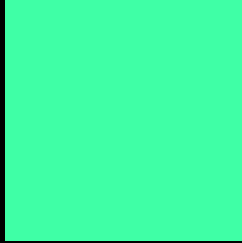
Large Text (above 18pt) WCAG AA × Fail

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 3FFFA6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

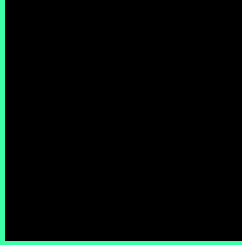
Any Text WCAG AA ✓ Pass

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 3FFFA6 Background



This preview shows how black text looks on a background with the Hex color 3FFFA6.

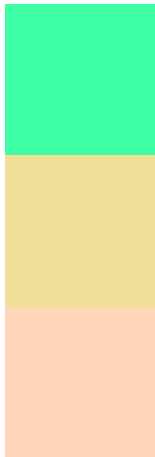


This preview shows how white text looks on a background with the Hex color 3FFFA6.

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](#).

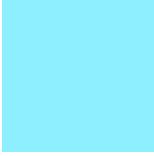
Dichromacy



Original Color
3FFFA6

Protanopia
F1DF98

Deuteranopia
FFD7B8



Tritanopia
8DEFFF

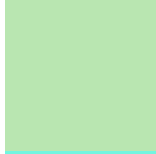
Trichromacy



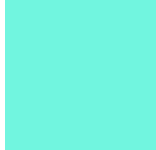
Original Color
3FFFA6



Protanomaly
B0EB9D



Deuteranomaly
B9E6B1

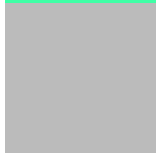


Tritanomaly
71F5DF

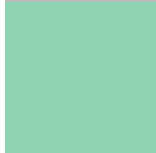
Monochromacy



Original Color
3FFFA6



Achromatopsia
BBBBBB



Achromatomaly
8ED4B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FFFA6 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 #3FFFA6 looks like.

```
.text, #text, p{  
    color:#3FFFA6  
}
```

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 #3FFFA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FFFA6
}
```

Border

The CSS property to change the border of an element to Hex 3FFFA6 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
#3FFFA6 }
```

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

```
.border{ border-color:#3FFFA6 }
```

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

Here you see how a box with a 4 pixel #3FFFA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FFFA6; -webkit-box-shadow:4px 4px  
4px 4px #3FFFA6; box-shadow:4px 4px 4px  
4px #3FFFA6 }
```

Background

The CSS property to change the background color of an element to Hex 3FFFA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FFFA6 }
```

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

```
.background{ background-color:#3FFFA6 }
```

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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