

Converting Colors

Hex(3AFA6D)

Have a look what the booklet for
Hex(3AFA6D) contains.

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Color

Hex(3AFA6D)

Conversions

Conversions Part 1

Format	Color
Hex	3AFA6D
RGB	58, 250, 109
RGB Percent	23%, 98%, 43%
CMY	0.7725, 0.0196, 0.5725
CMYK	0.77, 0.00, 0.56, 0.02
HSL	136°, 95%, 60%
HSV	136°, 77%, 98%
XYZ	38.6908, 70.3749, 26.0125
YIQ	176.5180, -69.1710, -84.5550

Conversions

Conversions Part 2

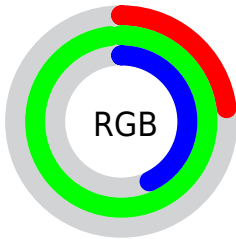
Format	Color
RYB	58, 210, 250
Decimal	3865197
CIELab	87.18, -74.18, 53.80
CIELCh	87, 91.636, 144.050
Yxy	70.3749, 0.2864, 0.5210
Android (android.graphics.Color)	4282055277 (0xFF3AFA6D)
YUV	176.5180, -33.2864, -103.9403
Hunter-Lab	83.8897, -64.4809, 40.3382

Details

The Hex color **3AFA6D** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **FA3AC7**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **86FFA4**, and **00C037** is the 20% darker color. If you saturate the color by 10%, you get **21FA5B**, and if you desaturate by 10%, it is **53FA7F**.

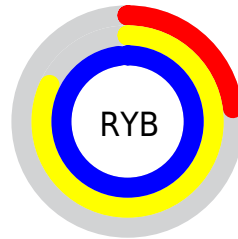
Distribution



Red (23%)

Green (98%)

Blue (43%)



Red (23%)

Yellow (82%)

Blue (98%)

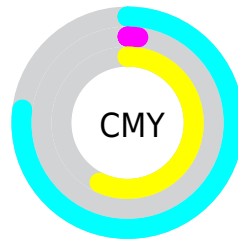


Cyan (77%)

Magenta (0%)

Yellow (56%)

Black (2%)



Cyan (77%)

Magenta (2%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AFA6D 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 3AFA6D by changing the saturation by 10% instead.

 3AFA6D

 3AFA6D

FFFFFF

 00DD52

 86FFA4

 00C037

 A6FFC0

 00A418

 C6FFDD

 008800

 E6FFFA

 006D00

 005300

 003B00

 002100

 000000

 3AFA6D

 3AFA6D

 21FA5B

 53FA7F

 08FA48

 6CFA92

 00FA42

 85FAA4

 9EFAB6

 B7FAC9

 D0FADB

 E9FAEE

 FFFAFF

Harmonies

Analogous

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



C0EA10



3AFA6D



00FC6

Triad

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



3AFA6D



00EAFB



FF8999

Complementary

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



3AFA6D



FA3AC7

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.



FF82F0



3AFA6D



B5CBFF

Square

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



3AFA6D



00FCFF



FFA2FF



FFAC4A

Rectangle

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



3AFA6D



00FFFF



FFA2FF



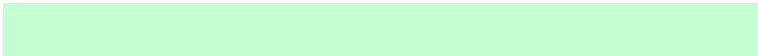
FF82B5

Sweetspot

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



3AFA6D



C4FFD4



CAFA3A



5C8065



000000



808080

Same Dimension

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



3AFA6D



14FF53



3AFACA



707D74



00BD32



003D10

Inverse Universe

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



FA3AC7



FF14C1



FA3A6A



7D707A



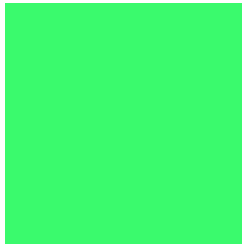
BD008B



3D002D

Previews

White Background



This preview shows how the Hex color 3AFA6D 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 3AFA6D 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 3AFA6D Background



This preview shows how black text looks on a background with the Hex color 3AFA6D.

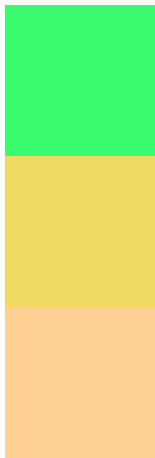


This preview shows how white text looks on a background with the Hex color 3AFA6D.

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](#).

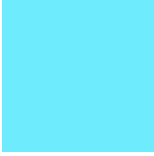
Dichromacy



Original Color
E67E22

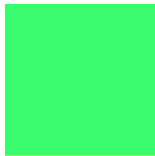
Protanopia
F0D962

Deuteranopia
FFD093



Tritanopia
6FEBFE

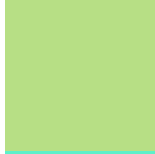
Trichromacy



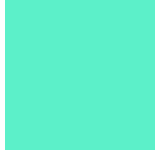
Original Color
3AFA6D



Protanomaly
AEE566



Deuteranomaly
B7DF85



Tritanomaly
5CF0C9

Monochromacy



Original Color
3AFA6D



Achromatopsia
B1B1B1



Achromatomaly
86CC98

CSS Examples

Text

The CSS property to change the color of the text to Hex 3AFA6D 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 #3AFA6D looks like.

```
.text, #text, p{  
    color:#3AFA6D  
}
```

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 #3AFA6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AFA6D
}
```

Border

The CSS property to change the border of an element to Hex 3AFA6D 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
#3AFA6D }
```

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

```
.border{ border-color:#3AFA6D }
```

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

Here you see how a box with a 4 pixel #3AFA6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AFA6D; -webkit-box-shadow:4px 4px  
4px 4px #3AFA6D; box-shadow:4px 4px 4px  
4px #3AFA6D }
```

Background

The CSS property to change the background color of an element to Hex 3AFA6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AFA6D }
```

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

```
.background{ background-color:#3AFA6D }
```

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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