

Converting Colors

Hex(3AF120)

Have a look what the booklet for
Hex(3AF120) contains.

Hex(3AF120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3AF120)

Conversions

Conversions Part 1

Format	Color
Hex	3AF120
RGB	58, 241, 32
RGB Percent	23%, 95%, 13%
CMY	0.7725, 0.0549, 0.8745
CMYK	0.76, 0.00, 0.87, 0.05
HSL	113°, 88%, 54%
HSV	113°, 87%, 95%
XYZ	33.4609, 63.9144, 11.9396
YIQ	162.4570, -41.9790, -103.7950

Conversions

Conversions Part 2

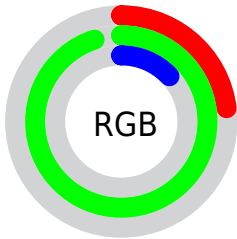
Format	Color
RYB	32, 241, 215
Decimal	3862816
CIELab	83.92, -77.64, 76.55
CIELCh	84, 109.034, 135.407
Yxy	63.9144, 0.3061, 0.5847
Android (android.graphics.Color)	4282052896 (0xFF3AF120)
YUV	162.4570, -64.3153, -91.6088
Hunter-Lab	79.9465, -65.1967, 47.1079

Details

The Hex color **3AF120** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **D720F1**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **86FF64**, and **00B700** is the 20% darker color. If you saturate the color by 10%, you get **25F108**, and if you desaturate by 10%, it is **4FF138**.

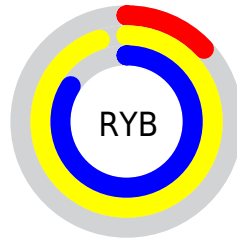
Distribution



Red (23%)

Green (95%)

Blue (13%)



Red (13%)

Yellow (95%)

Blue (84%)

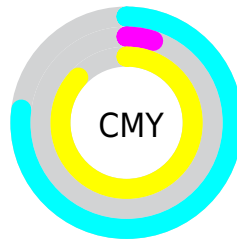


Cyan (76%)

Magenta (0%)

Yellow (87%)

Black (5%)



Cyan (77%)

Magenta (5%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AF120 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 3AF120 by changing the saturation by 10% instead.

 3AF120

 3AF120

FFFFFF

 00D400

 86FF64

 00B700

 A7FF82

 009B00

 C7FF9F

 008000

 E7FFBC

 006500

 FFFFDA

 004B00

 FFFFF8

 003200

 001600

 000000

 3AF120

 3AF120

 25F108

 4FF138

 1EF100

 64F150

 79F168

 8EF180

 A4F198

 B9F1B1

 CEF1C9

 E3F1E1

 F8F1F9

Harmonies

Analogous

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



CBDD00



3AF120



00FB9A

Triad

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



3AF120



00ECFF



FF51A1

Complementary

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



3AF120



D720F1

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.



FF5CFF



3AF120



00CCFF

Square

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



3AF120



00FAFF



FF99FF



FF873D

Rectangle

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



3AF120



00FEE2



FF99FF



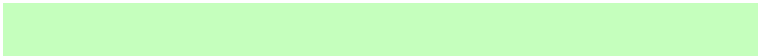
FF4AC3

Sweetspot

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



3AF120



C5FFBD



F1D520



5D8058



000000



808080

Same Dimension

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



3AF120



20FF00



20F16D



6D786C



17B800



073800

Inverse Universe

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



D720F1



DF00FF



F120A4



766C78



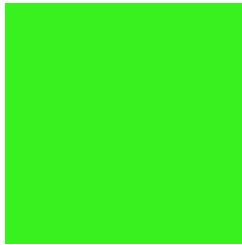
A100B8



310038

Previews

White Background



This preview shows how the Hex color 3AF120 looks on a white background.

Color Contrast Check

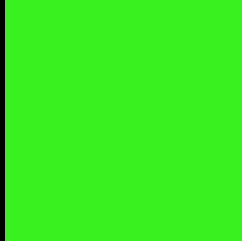
Large Text (above 18pt) WCAG AA × Fail

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 3AF120 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

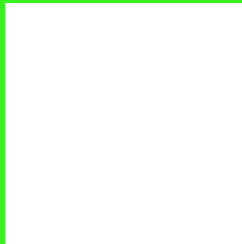
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3AF120 Background



This preview shows how black text looks on a background with the Hex color 3AF120.

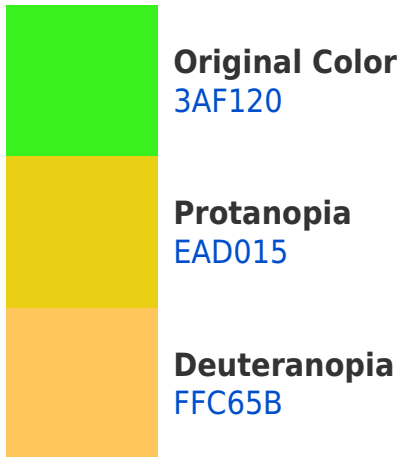


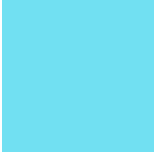
This preview shows how white text looks on a background with the Hex color 3AF120.

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](#).

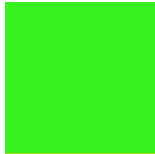
Dichromacy





Tritanopia
71E0F2

Trichromacy



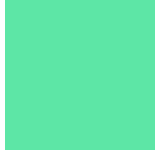
Original Color
3AF120



Protanomaly
AADC19

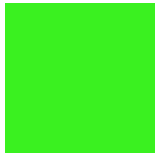


Deuteranomaly
B7D646



Tritanomaly
5DE6A6

Monochromacy



Original Color
3AF120



Achromatopsia
A2A2A2



Achromatomaly
7CBF73

CSS Examples

Text

The CSS property to change the color of the text to Hex 3AF120 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 #3AF120 looks like.

```
.text, #text, p{  
    color:#3AF120  
}
```

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 #3AF120 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AF120
}
```

Border

The CSS property to change the border of an element to Hex 3AF120 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
#3AF120 }
```

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

```
.border{ border-color:#3AF120 }
```

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

Here you see how a box with a 4 pixel #3AF120 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AF120; -webkit-box-shadow:4px 4px  
4px 4px #3AF120; box-shadow:4px 4px 4px  
4px #3AF120 }
```

Background

The CSS property to change the background color of an element to Hex 3AF120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AF120 }
```

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

```
.background{ background-color:#3AF120 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor