

Converting Colors

Hex(A3F06E)

Have a look what the booklet for
Hex(A3F06E) contains.

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Color

Hex(A3F06E)

Conversions

Conversions Part 1

Format	Color
Hex	A3F06E
RGB	163, 240, 110
RGB Percent	64%, 94%, 43%
CMY	0.3608, 0.0588, 0.5686
CMYK	0.32, 0.00, 0.54, 0.06
HSL	96°, 81%, 69%
HSV	96°, 54%, 94%
XYZ	49.0788, 71.2325, 25.9144
YIQ	202.1570, -4.1620, -56.7540

Conversions

Conversions Part 2

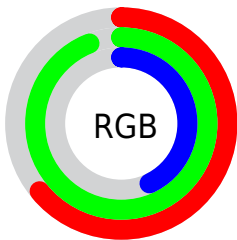
Format	Color
RYB	110, 240, 187
Decimal	10743918
CIELab	87.60, -45.41, 54.67
CIELCh	88, 71.072, 129.711
Yxy	71.2325, 0.3356, 0.4871
Android (android.graphics.Color)	4288933998 (0xFFA3F06E)
YUV	202.1570, -45.4334, -34.3407
Hunter-Lab	84.3993, -43.8998, 40.8749

Details

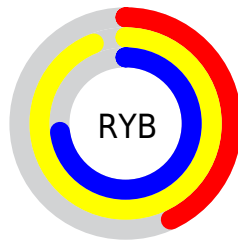
The Hex color **A3F06E** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **BB6EF0**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **DDFFA5**, and **6BB738** is the 20% darker color. If you saturate the color by 10%, you get **95F056**, and if you desaturate by 10%, it is **B1F086**.

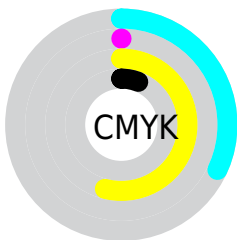
Distribution



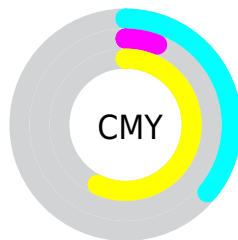
- Red (64%)
- Green (94%)
- Blue (43%)



- Red (43%)
- Yellow (94%)
- Blue (73%)



- Cyan (32%)
- Magenta (0%)
- Yellow (54%)
- Black (6%)



- Cyan (36%)
- Magenta (6%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3F06E 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 A3F06E by changing the saturation by 10% instead.

 A3F06E

 A3F06E

FFFFFF

 87D353

 DDFFA5

 6BB738

 FBFFC1

 4E9C1A

 FFFFDD

 318200

 FFFFFB

 086800

 004F00

 003700

 002200

 000000

 A3F06E

 A3F06E

 95F056

 B1F086

 87F03E

 BFF09E

 78F026

 CEF0B6

 6AF00E

 DCF0CE

 62F000

 EAF0E6

 F8F0FE

 FFF0FF

Harmonies

Analogous

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



ECDF4D



A3F06E



16FAAA

Triad

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



A3F06E



00EFFF



FF9FC8

Complementary

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



A3F06E



BB6EF0

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.



FFA7FF



A3F06E



86DCFF

Square

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



A3F06E



00FAFF



FCC1FF



FFAE88

Rectangle

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



A3F06E



00FDD9



FCC1FF



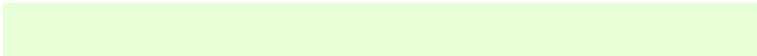
FF9FDF

Sweetspot

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



A3F06E



E7FFD6



F0BA6E



718067



000000



808080

Same Dimension

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



A3F06E



9DFF59



6EF079



71786C



4BB800



173800

Inverse Universe

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



BB6EF0



BB59FF



F06EE5



736C78



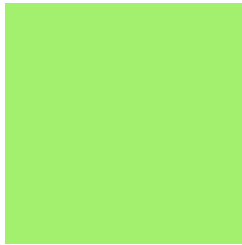
6D00B8



210038

Previews

White Background



This preview shows how the Hex color A3F06E looks on a white background.

Color Contrast Check

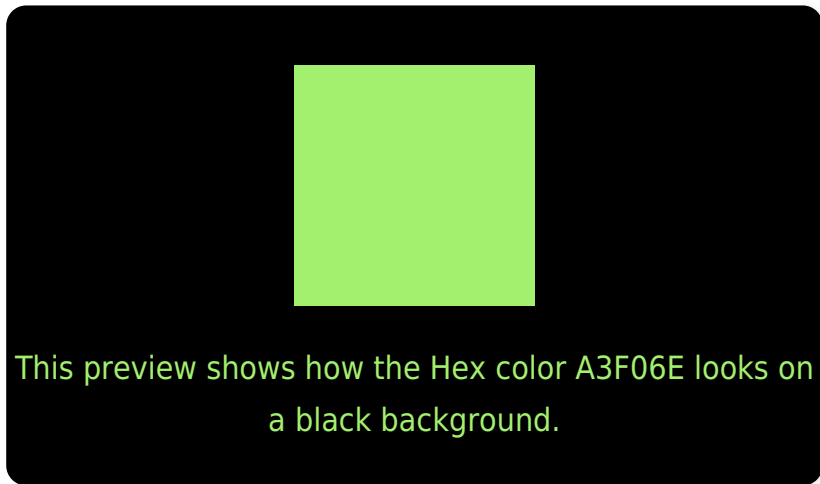
Large Text (above 18pt) WCAG AA × Fail

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 A3F06E Background



This preview shows how black text looks on a background with the Hex color A3F06E.

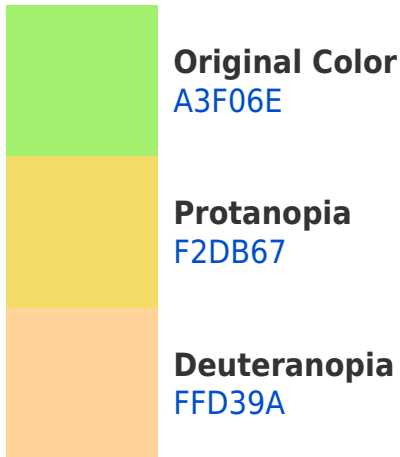


This preview shows how white text looks on a background with the Hex color A3F06E.

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



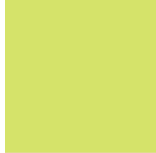


Tritanopia
B7E2F4

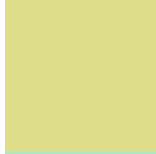
Trichromacy



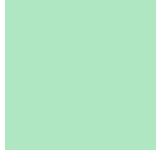
Original Color
A3F06E



Protanomaly
D5E36A



Deuteranomaly
DEDE8A

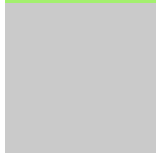


Tritanomaly
B0E7C3

Monochromacy



Original Color
A3F06E



Achromatopsia
CACACA



Achromatomaly
BCD8A9

CSS Examples

Text

The CSS property to change the color of the text to Hex A3F06E 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 #A3F06E looks like.

```
.text, #text, p{  
    color:#A3F06E  
}
```

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 #A3F06E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3F06E
}
```

Border

The CSS property to change the border of an element to Hex A3F06E 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
#A3F06E }
```

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

```
.border{ border-color:#A3F06E }
```

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

Here you see how a box with a 4 pixel #A3F06E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3F06E; -webkit-box-shadow:4px 4px  
4px 4px #A3F06E; box-shadow:4px 4px 4px  
4px #A3F06E }
```

Background

The CSS property to change the background color of an element to Hex A3F06E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3F06E }
```

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

```
.background{ background-color:#A3F06E }
```

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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