

Converting Colors

Hex(A3F685)

Have a look what the booklet for
Hex(A3F685) contains.

Hex(A3F685)	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(A3F685)

Conversions

Conversions Part 1

Format	Color
Hex	A3F685
RGB	163, 246, 133
RGB Percent	64%, 96%, 52%
CMY	0.3608, 0.0353, 0.4784
CMYK	0.34, 0.00, 0.46, 0.04
HSL	104°, 86%, 74%
HSV	104°, 46%, 96%
XYZ	52.2937, 75.3915, 33.9862
YIQ	208.3010, -13.1950, -52.7390

Conversions

Conversions Part 2

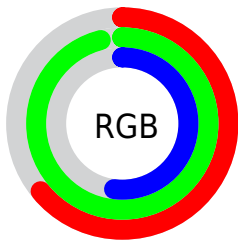
Format	Color
RYB	133, 246, 216
Decimal	10745477
CIELab	89.58, -45.36, 46.36
CIELCh	90, 64.861, 134.377
Yxy	75.3915, 0.3235, 0.4663
Android (android.graphics.Color)	4288935557 (0xFFA3F685)
YUV	208.3010, -37.1234, -39.7290
Hunter-Lab	86.8283, -44.4452, 37.5726

Details

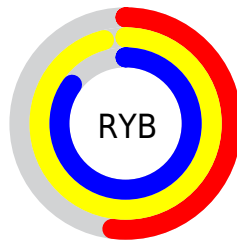
The Hex color **A3F685** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **D885F6**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **DDFFBC**, and **6BBD51** is the 20% darker color. If you saturate the color by 10%, you get **91F66C**, and if you desaturate by 10%, it is **B5F69E**.

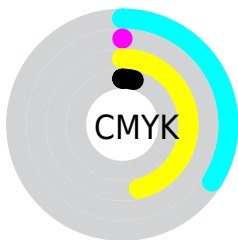
Distribution



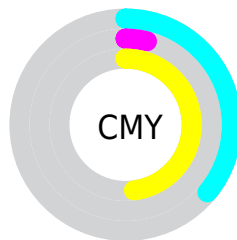
- Red (64%)
- Green (96%)
- Blue (52%)



- Red (52%)
- Yellow (96%)
- Blue (85%)



- Cyan (34%)
- Magenta (0%)
- Yellow (46%)
- Black (4%)



- Cyan (36%)
- Magenta (4%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3F685 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 A3F685 by changing the saturation by 10% instead.

 A3F685

 A3F685

FFFFFF

 87D96B

 DDFBFC

 6BBD51

 FAFFD8

 4FA237

 FFFFF5

 32871C

 0A6D00

 005400

 003C00

 002700

 000000

 A3F685

 A3F685

 91F66C

 B5F69E

 7FF654

 C7F6B6

 6DF63B

 D9F6CF

 5BF623

 EBF6E7

 49F60A

 FDF6FF

 41F600

 FFF6FF

Harmonies

Analogous

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



E8E763



A3F685



30FEBE

Triad

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



A3F685



00F1FF



FFADC6

Complementary

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



A3F685



D885F6

Split Complementary

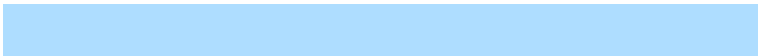
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB1FF



A3F685



AEDDFF

Square

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



A3F685



00FCFF



FFC5FF



FFBB8D

Rectangle

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



A3F685



00FFE9



FFC5FF



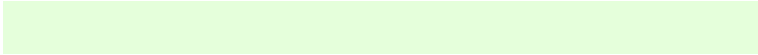
FFACDA

Sweetspot

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



A3F685



E5FFDB



F6D885



70806A



000000



808080

Same Dimension

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



A3F685



98FF73



85F69F



717A6E



31BA00



103B00

Inverse Universe

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



D885F6



DA73FF



F685DC



776E7A



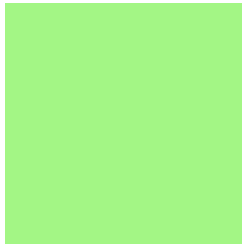
8900BA



2B003B

Previews

White Background



This preview shows how the Hex color A3F685 looks on a white background.

Color Contrast Check

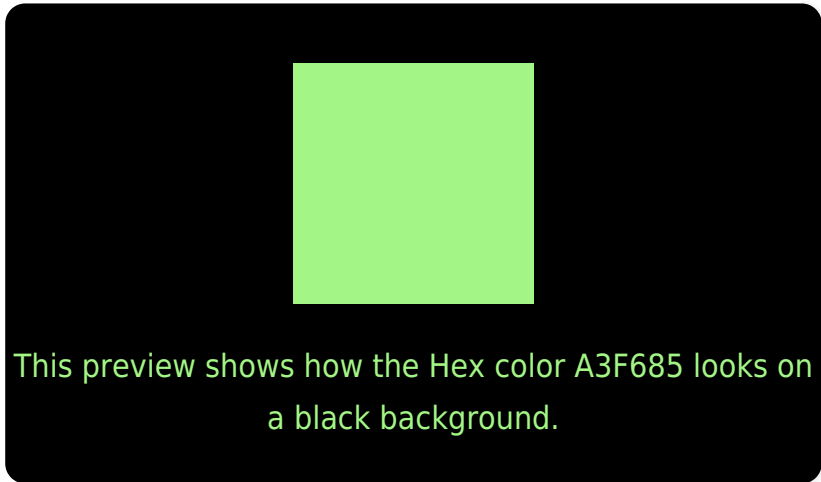
Large Text (above 18pt) WCAG AA × Fail

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 A3F685 Background



This preview shows how black text looks on a background with the Hex color A3F685.

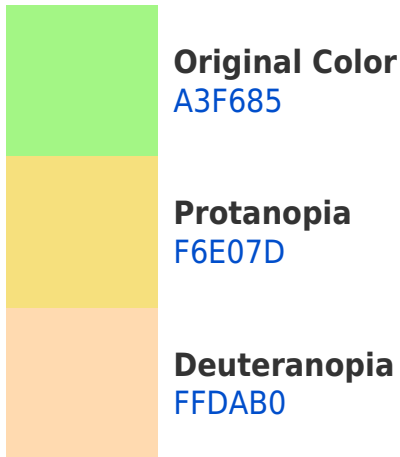


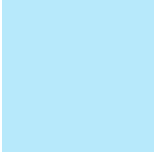
This preview shows how white text looks on a background with the Hex color A3F685.

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](#).

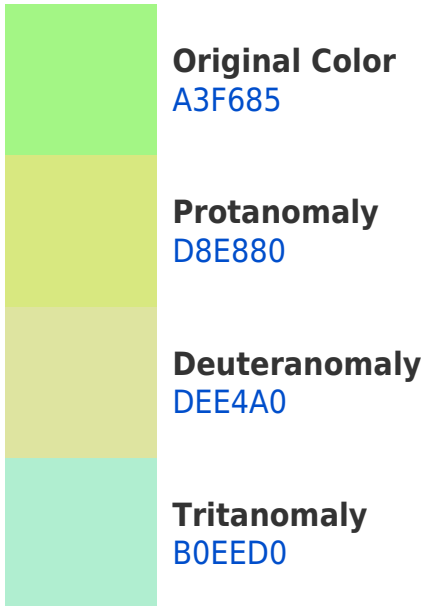
Dichromacy



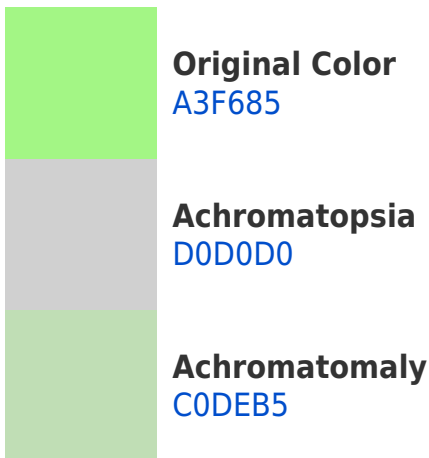


Tritanopia
B7E9FB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A3F685 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 #A3F685 looks like.

```
.text, #text, p{  
    color:#A3F685  
}
```

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 #A3F685 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3F685
}
```

Border

The CSS property to change the border of an element to Hex A3F685 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
#A3F685 }
```

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

```
.border{ border-color:#A3F685 }
```

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

Here you see how a box with a 4 pixel #A3F685 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3F685; -webkit-box-shadow:4px 4px  
4px 4px #A3F685; box-shadow:4px 4px 4px  
4px #A3F685 }
```

Background

The CSS property to change the background color of an element to Hex A3F685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3F685 }
```

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

```
.background{ background-color:#A3F685 }
```

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