

Converting Colors

Hex(A68FE3)

Have a look what the booklet for
Hex(A68FE3) contains.

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Color

Hex(A68FE3)

Conversions

Conversions Part 1

Format	Color
Hex	A68FE3
RGB	166, 143, 227
RGB Percent	65%, 56%, 89%
CMY	0.3490, 0.4392, 0.1098
CMYK	0.27, 0.37, 0.00, 0.11
HSL	256°, 60%, 73%
HSV	256°, 37%, 89%
XYZ	39.4135, 33.2980, 77.0229
YIQ	159.4530, -13.2560, 31.0000

Conversions

Conversions Part 2

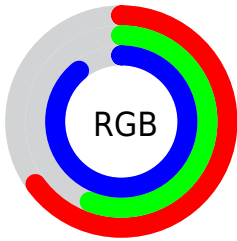
Format	Color
R_{YB}	166, 143, 227
Decimal	10915811
CIE _{Lab}	64.40, 26.30, -39.58
CIE _{LCh}	64, 47.519, 303.599
Yxy	33.2980, 0.2632, 0.2224
Android (android.graphics.Color)	4289105891 (0xFFA68FE3)
YUV	159.4530, 33.3007, 5.7417
Hunter-Lab	57.7044, 20.9371, -38.7463

Details

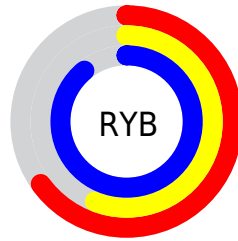
The Hex color **A68FE3** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **CCE38F**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **DEC5FF**, and **705CAB** is the 20% darker color. If you saturate the color by 10%, you get **9678E3**, and if you desaturate by 10%, it is **B6A6E3**.

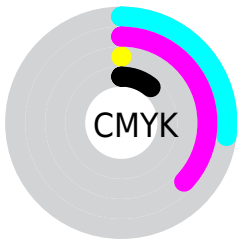
Distribution



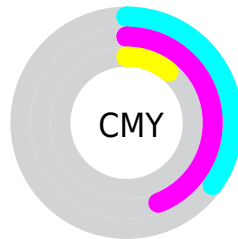
- Red (65%)
- Green (56%)
- Blue (89%)



- Red (65%)
- Yellow (56%)
- Blue (89%)



- Cyan (27%)
- Magenta (37%)
- Yellow (0%)
- Black (11%)



- Cyan (35%)
- Magenta (44%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color A68FE3 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 A68FE3 by changing the saturation by 10% instead.

 A68FE3

 A68FE3

FFFFFF

 8B75C7

 DEC5FF

 705CAB

 FCE1FF

 564590

FFFEFF

 3C2E76

 21195D

 030245

 00022E

 000118

 000000

 A68FE3

 A68FE3

 9678E3

 B6A6E3

 8562E3

 C7BCE3

 754BE3

 D7D3E3

 6434E3

 E8EAE3

 541EE3

 F8FFE3

 4307E3

 FFFFE3

 3E00E3

Harmonies

Analogous

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



5B9FF1



A68FE3



D57FC3

Triad

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



A68FE3



D38C50



00B2A0

Complementary

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



A68FE3



CCE38F

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.



4BAF75



A68FE3



B09B44

Square

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



A68FE3



E87E6F



84A753



00B0CA

Rectangle

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



A68FE3



E679A7



84A753



00B191

Sweetspot

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



A68FE3



EBE3FF



8FCDE3



736F80



000000



808080

Same Dimension

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



A68FE3



AE8FFF



CF8FE3



6A6773



3100B3



0E0033

Inverse Universe

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



E38FCC



FF8FE0



A3E38F



736770



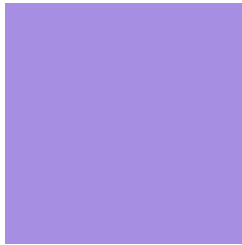
B30082



330025

Previews

White Background



This preview shows how the Hex color A68FE3 looks on a white background.

Color Contrast Check

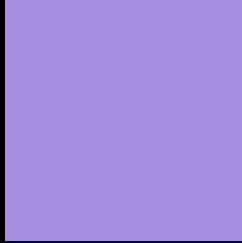
Large Text (above 18pt) WCAG AA × Fail

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 A68FE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

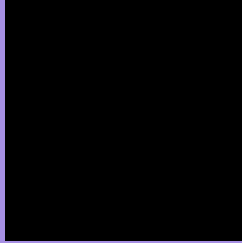
Any Text WCAG AA ✓ Pass

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 A68FE3 Background



This preview shows how black text looks on a background with the Hex color A68FE3.




This preview shows how white text looks on a background with the Hex color A68FE3.

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](#).

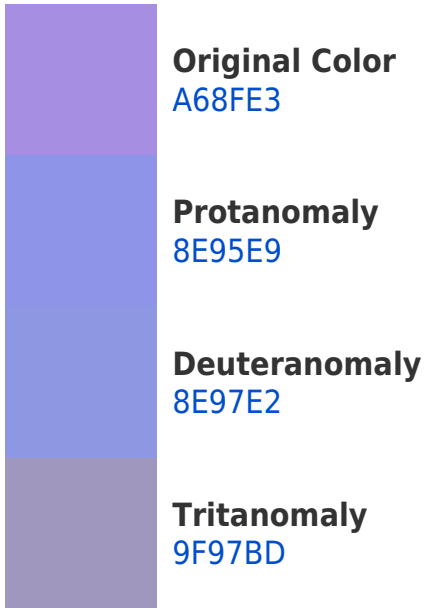
Dichromacy



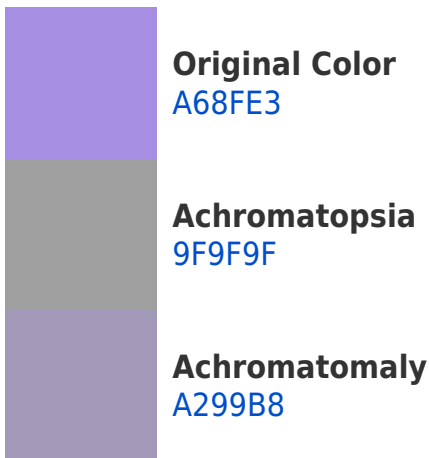


Tritanopia
9B9BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A68FE3 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 #A68FE3 looks like.

```
.text, #text, p{  
    color:#A68FE3  
}
```

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 #A68FE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A68FE3
}
```

Border

The CSS property to change the border of an element to Hex A68FE3 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
#A68FE3 }
```

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

```
.border{ border-color:#A68FE3 }
```

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

Here you see how a box with a 4 pixel #A68FE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A68FE3; -webkit-box-shadow:4px 4px  
4px 4px #A68FE3; box-shadow:4px 4px 4px  
4px #A68FE3 }
```

Background

The CSS property to change the background color of an element to Hex A68FE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A68FE3 }
```

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

```
.background{ background-color:#A68FE3 }
```

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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