

Converting Colors

Hex(A68FE5)

Have a look what the booklet for
Hex(A68FE5) contains.

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Color

Hex(A68FE5)

Conversions

Conversions Part 1

Format	Color
Hex	A68FE5
RGB	166, 143, 229
RGB Percent	65%, 56%, 90%
CMY	0.3490, 0.4392, 0.1020
CMYK	0.28, 0.38, 0.00, 0.10
HSL	256°, 62%, 73%
HSV	256°, 38%, 90%
XYZ	39.6912, 33.4091, 78.4854
YIQ	159.6810, -13.8980, 31.6220

Conversions

Conversions Part 2

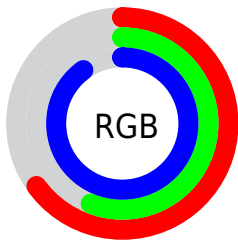
Format	Color
RYB	166, 143, 229
Decimal	10915813
CIELab	64.49, 26.78, -40.55
CIELCh	64, 48.595, 303.448
Yxy	33.4091, 0.2618, 0.2204
Android (android.graphics.Color)	4289105893 (0xFFA68FE5)
YUV	159.6810, 34.1743, 5.5418
Hunter-Lab	57.8006, 21.4236, -40.0474

Details

The Hex color **A68FE5** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **CEE58F**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **DFC5FF**, and **705CAD** is the 20% darker color. If you saturate the color by 10%, you get **9578E5**, and if you desaturate by 10%, it is **B7A6E5**.

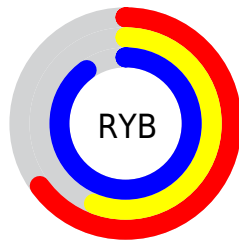
Distribution



Red (65%)

Green (56%)

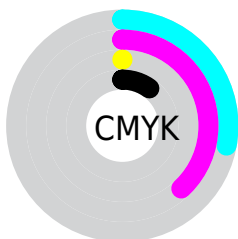
Blue (90%)



Red (65%)

Yellow (56%)

Blue (90%)

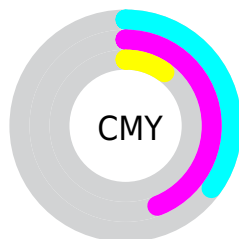


Cyan (28%)

Magenta (38%)

Yellow (0%)

Black (10%)



Cyan (35%)

Magenta (44%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color A68FE5 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 A68FE5 by changing the saturation by 10% instead.

 A68FE5

 A68FE5

FFFFFF

 8B75C9

 DFC5FF

 705CAD

 FCE1FF

 564592

FFFEFF

 3B2E78

 21195F

 010247

 000130

 00011A

 000000

 A68FE5

 A68FE5

 9578E5

 B7A6E5

 8461E5

 C8BDE5

 744AE5

 D8D4E5

 6333E5

 E9EBE5

 521DE5

 FAFFE5

 4106E5

 FFFFE5

 3D00E5

Harmonies

Analogous

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



579FF3



A68FE5



D67FC4

Triad

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



A68FE5



D58C4F



00B2A0

Complementary

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



A68FE5



CEE58F

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.



49AF74



A68FE5



B19C42

Square

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



A68FE5



EA7D6F



84A851



00B1CB

Rectangle

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



A68FE5



E878A8



84A851



00B291

Sweetspot

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



A68FE5



EAE3FF



8FC EE5



736F80



000000



808080

Same Dimension

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



A68FE5



AB8CFF



D18FE5



6A6773



3000B3



0E0033

Inverse Universe

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



E58FCE



FF8CE0



A3E58F



736770



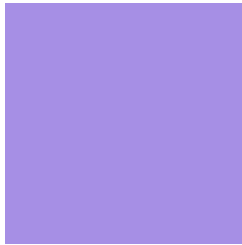
B30083



330025

Previews

White Background



This preview shows how the Hex color A68FE5 looks on a white background.

Color Contrast Check

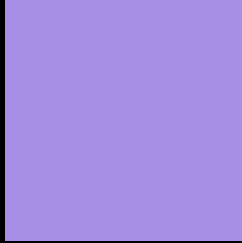
Large Text (above 18pt) WCAG AA × Fail

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 A68FE5 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 A68FE5 Background



This preview shows how black text looks on a background with the Hex color A68FE5.

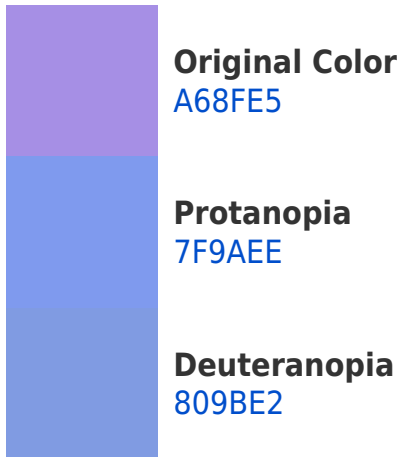


This preview shows how white text looks on a background with the Hex color A68FE5.

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
9A9CA8

Trichromacy



Original Color
A68FE5

Protanomaly
8D96EB

Deuteranomaly
8E97E3

Tritanomaly
9E97BE

Monochromacy



Original Color
A68FE5

Achromatopsia
A0A0A0

Achromatomaly
A29AB9

CSS Examples

Text

The CSS property to change the color of the text to Hex A68FE5 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 #A68FE5 looks like.

```
.text, #text, p{  
    color:#A68FE5  
}
```

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 #A68FE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A68FE5
}
```

Border

The CSS property to change the border of an element to Hex A68FE5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

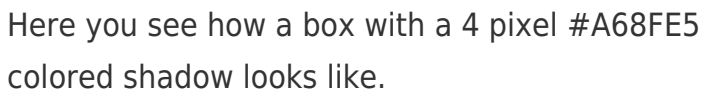
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A68FE5 }
```

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

```
.border{ border-color:#A68FE5 }
```

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



Here you see how a box with a 4 pixel #A68FE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A68FE5; -webkit-box-shadow:4px 4px  
4px 4px #A68FE5; box-shadow:4px 4px 4px  
4px #A68FE5 }
```

Background

The CSS property to change the background color of an element to Hex A68FE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A68FE5 }
```

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

```
.background{ background-color:#A68FE5 }
```

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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