

Converting Colors

Hex(A50EFB)

Have a look what the booklet for
Hex(A50EFB) contains.

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Color

Hex(A50EFB)

Conversions

Conversions Part 1

Format	Color
Hex	A50EFB
RGB	165, 14, 251
RGB Percent	65%, 5%, 98%
CMY	0.3529, 0.9451, 0.0157
CMYK	0.34, 0.94, 0.00, 0.02
HSL	278°, 97%, 52%
HSV	278°, 94%, 98%
XYZ	33.0867, 15.2784, 92.4720
YIQ	86.1670, 13.9190, 105.7190

Conversions

Conversions Part 2

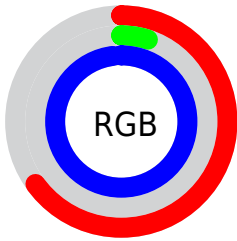
Format	Color
R_{YB}	165, 14, 251
Decimal	10817275
CIE _{Lab}	46.01, 84.43, -82.48
CIE _{LCh}	46, 118.032, 315.669
Yxy	15.2784, 0.2349, 0.1085
Android (android.graphics.Color)	4289007355 (0xFFA50EFB)
YUV	86.1670, 81.2627, 69.1365
Hunter-Lab	39.0876, 82.6922, -112.9045

Details

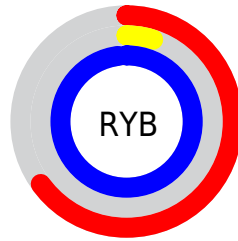
The Hex color **A50EFB** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **64FB0E**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **E35CFF**, and **6700C1** is the 20% darker color. If you saturate the color by 10%, you get **A000FB**, and if you desaturate by 10%, it is **AE27FB**.

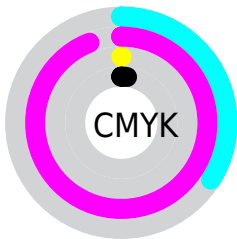
Distribution



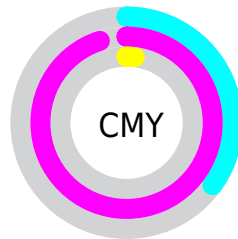
- Red (65%)
- Green (5%)
- Blue (98%)



- Red (65%)
- Yellow (5%)
- Blue (98%)



- Cyan (34%)
- Magenta (94%)
- Yellow (0%)
- Black (2%)



- Cyan (35%)
- Magenta (95%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color A50EFB 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 A50EFB by changing the saturation by 10% instead.

 A50EFB

 A50EFB

FFFFFF

 8600DE

 E35CFF

 6700C1

 FF7AFF

 4600A5

 FF98FF

 1E008A

 FFB5FF

 00006F

 FFD3FF

 000055

 FFF1FF

 00063D

 000326

 00010F

 A50EFB

 A50EFB

 A000FB

 AE27FB

 B740FB

 C059FB

 C972FB

 D38BFB

 DCA5FB

 E5BEFB

 EED7FB

 F7F0FB

Harmonies

Analogous

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



006CFF



A50EFB



FB00A1

Triad

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



A50EFB



AB5700



008FA1

Complementary

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



A50EFB



64FB0E

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.



008C37



A50EFB



537900

Square

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



A50EFB



EA0000



008700



0090FD

Rectangle

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



A50EFB



FF0060



008700



008E7E

Sweetspot

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



A50EFB



E5B8FF



0E65FB



705480



000000



808080

Same Dimension

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



A50EFB



A200FF



FB0EDB



78707D



7800BD



27003D

Inverse Universe

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



FB0E64



FF005D



0EFB2E



7D7075



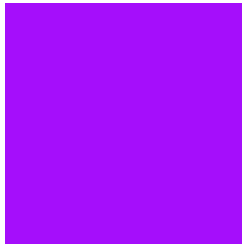
BD0044



3D0016

Previews

White Background



This preview shows how the Hex color A50EFB looks on a white background.

Color Contrast Check

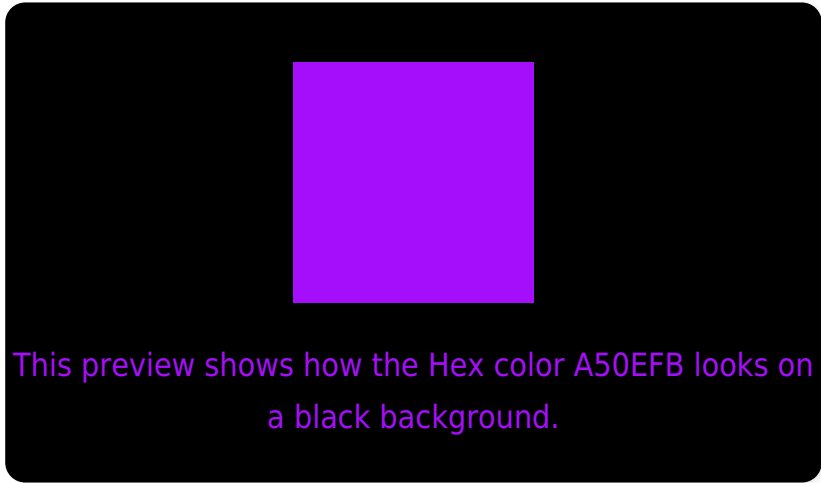
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex A50EFB Background



This preview shows how black text looks on a background with the Hex color A50EFB.

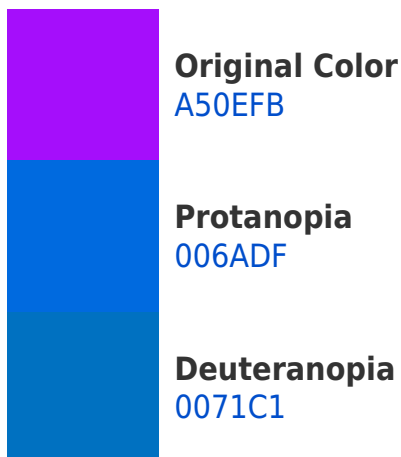


This preview shows how white text looks on a background with the Hex color A50EFB.

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
8A636A

Trichromacy



Original Color
A50EFB



Protanomaly
3C49E9



Deuteranomaly
3C4DD6



Tritanomaly
94449F

Monochromacy



Original Color
A50EFB



Achromatopsia
565656



Achromatomaly
733C92

CSS Examples

Text

The CSS property to change the color of the text to Hex A50EFB 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 #A50EFB looks like.

```
.text, #text, p{  
    color:#A50EFB  
}
```

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 #A50EFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A50EFB
}
```

Border

The CSS property to change the border of an element to Hex A50EFB 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".

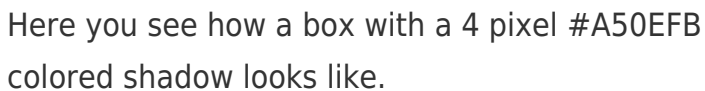
```
.border, #border, table{ border:4px solid
#A50EFB }
```

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

```
.border{ border-color:#A50EFB }
```

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

Here you see how a box with a 4 pixel #A50EFB colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A50EFB; -webkit-box-shadow:4px 4px  
4px 4px #A50EFB; box-shadow:4px 4px 4px  
4px #A50EFB }
```

Background

The CSS property to change the background color of an element to Hex A50EFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A50EFB }
```

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

```
.background{ background-color:#A50EFB }
```

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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