

Converting Colors

Hex(A66BFA)

Have a look what the booklet for
Hex(A66BFA) contains.

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Color

Hex(A66BFA)

Conversions

Conversions Part 1

Format	Color
Hex	A66BFA
RGB	166, 107, 250
RGB Percent	65%, 42%, 98%
CMY	0.3490, 0.5804, 0.0196
CMYK	0.34, 0.57, 0.00, 0.02
HSL	265°, 93%, 70%
HSV	265°, 57%, 98%
XYZ	38.2389, 25.5245, 93.3538
YIQ	140.9430, -10.7390, 56.9810

Conversions

Conversions Part 2

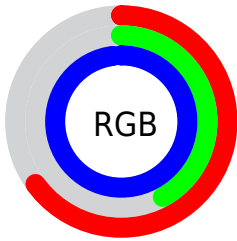
Format	Color
R _Y B	166, 107, 250
Decimal	10906618
CIE Lab	57.58, 51.94, -63.13
CIE LCh	58, 81.756, 309.447
Yxy	25.5245, 0.2434, 0.1625
Android (android.graphics.Color)	4289096698 (0xFFA66BFA)
YUV	140.9430, 53.7651, 21.9750
Hunter-Lab	50.5218, 46.6898, -74.1904

Details

The Hex color **A66BFA** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **BFFA6B**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **E1A0FF**, and **6C38C1** is the 20% darker color. If you saturate the color by 10%, you get **9752FA**, and if you desaturate by 10%, it is **B584FA**.

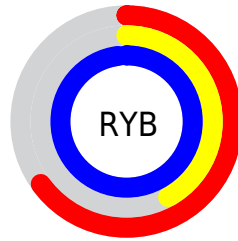
Distribution



Red (65%)

Green (42%)

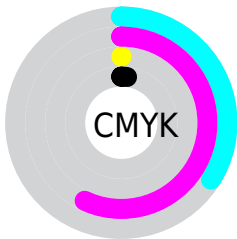
Blue (98%)



Red (65%)

Yellow (42%)

Blue (98%)

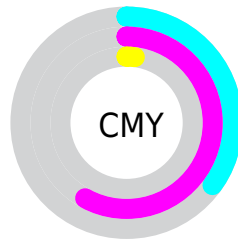


Cyan (34%)

Magenta (57%)

Yellow (0%)

Black (2%)



Cyan (35%)

Magenta (58%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color A66BFA 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 A66BFA by changing the saturation by 10% instead.

 A66BFA

 A66BFA

FFFFFF

 8951DD

 E1A0FF

 6C38C1

 FFBCFF

 4F1EA5

 FFD8FF

 30008A

 FFF5FF

 020070

 000056

 00063E

 000327

 000110

 A66BFA

 A66BFA

 9752FA

 B584FA

 8939FA

 C39DFA

 7A20FA

 D2B6FA

 6B07FA

 E1CFFA

 6700FA

 EFE8FA

 FEFFFA

 FFFFFA

Harmonies

Analogous

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



008CFF



A66BFA



EE3FBE

Triad

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



A66BFA



CE7400



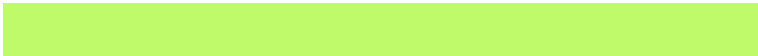
00A9A0

Complementary

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



A66BFA



BFFA6B

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.



00A655



A66BFA



938F00

Square

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



A66BFA



F84E32



3F9E00



00A8E4

Rectangle

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



A66BFA



FF2A8F



3F9E00



00A887

Sweetspot

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



A66BFA



E6D4FF



6BC1FA



716680



000000



808080

Same Dimension

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



A66BFA



984FFF



EC6BFA



76707D



4E00BD



19003D

Inverse Universe

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



FA6BBF



FF4FB6



79FA6B



7D7078



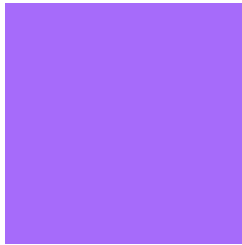
BD006F



3D0024

Previews

White Background



This preview shows how the Hex color A66BFA looks on a white background.

Color Contrast Check

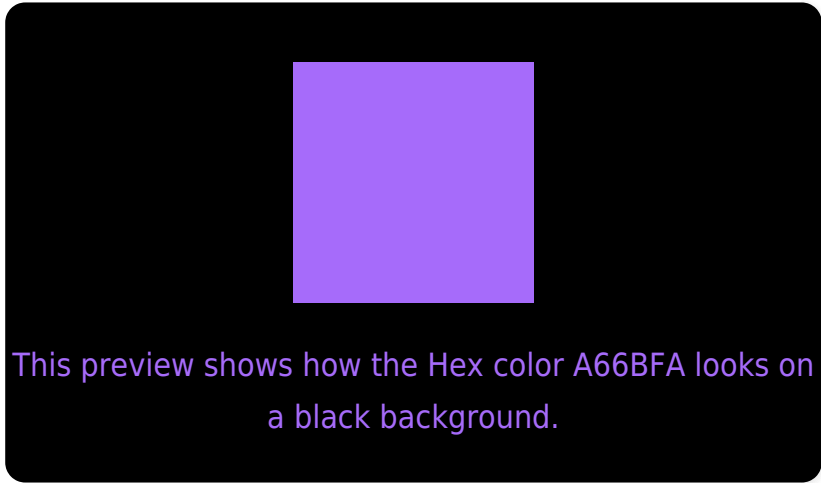
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

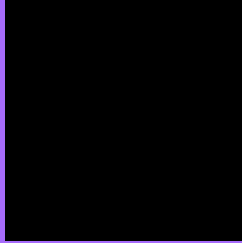
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex A66BFA Background



This preview shows how black text looks on a background with the Hex color A66BFA.

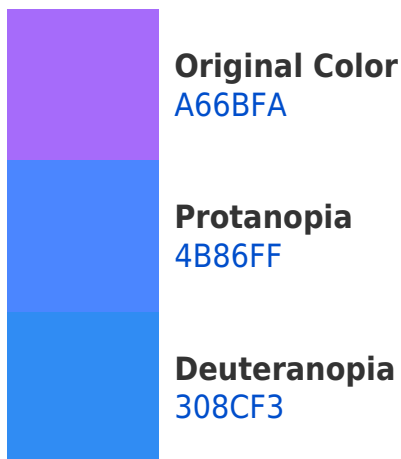


This preview shows how white text looks on a background with the Hex color A66BFA.

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](#).

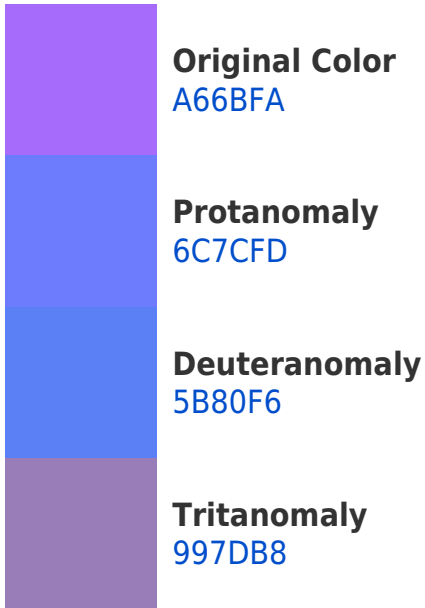
Dichromacy



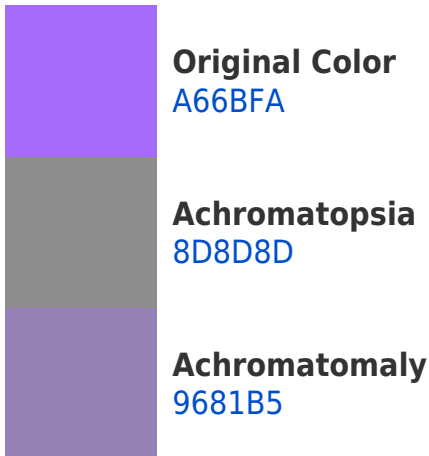


Tritanopia
918792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A66BFA 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 #A66BFA looks like.

```
.text, #text, p{  
    color:#A66BFA  
}
```

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 #A66BFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A66BFA
}
```

Border

The CSS property to change the border of an element to Hex A66BFA 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".

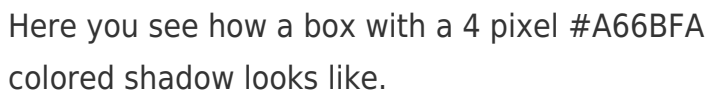
```
.border, #border, table{ border:4px solid
#A66BFA }
```

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

```
.border{ border-color:#A66BFA }
```

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

Here you see how a box with a 4 pixel #A66BFA colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and there is a vertical purple shadow on the right side of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A66BFA; -webkit-box-shadow:4px 4px  
4px 4px #A66BFA; box-shadow:4px 4px 4px  
4px #A66BFA }
```

Background

The CSS property to change the background color of an element to Hex A66BFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A66BFA }
```

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

```
.background{ background-color:#A66BFA }
```

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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