

# Converting Colors

Hex(AA69F2)

Have a look what the booklet for  
Hex(AA69F2) contains.

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# Color

Hex(AA69F2)

# Conversions

## Conversions Part 1

Format	Color
Hex	AA69F2
RGB	170, 105, 242
RGB Percent	67%, 41%, 95%
CMY	0.3333, 0.5882, 0.0510
CMYK	0.30, 0.57, 0.00, 0.05
HSL	268°, 84%, 68%
HSV	268°, 57%, 95%
XYZ	37.6562, 25.0600, 86.8568
YIQ	140.0530, -5.2370, 56.3870

# Conversions

## Conversions Part 2

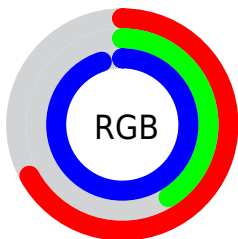
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">170, 105, 242</a>
Decimal	<a href="#">11168242</a>
CIELab	<a href="#">57.13, 52.00, -59.39</a>
CIElCh	<a href="#">57, 78.938, 311.201</a>
Yxy	<a href="#">25.0600, 0.2518, 0.1675</a>
Android (android.graphics.Color)	<a href="#">4289358322 (0xFFAA69F2)</a>
YUV	<a href="#">140.0530, 50.2599, 26.2635</a>
Hunter-Lab	<a href="#">50.0600, 46.6665, -67.8294</a>

# Details

The Hex color **AA69F2** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **B1F269**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **E49EFF**, and **7135B9** is the 20% darker color. If you saturate the color by 10%, you get **9D51F2**, and if you desaturate by 10%, it is **B781F2**.

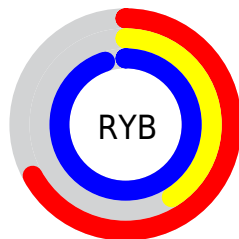
# Distribution



Red (67%)

Green (41%)

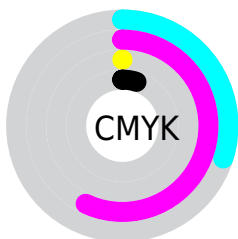
Blue (95%)



Red (67%)

Yellow (41%)

Blue (95%)

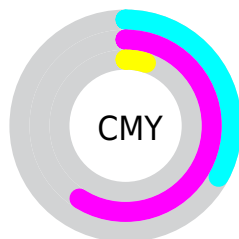


Cyan (30%)

Magenta (57%)

Yellow (0%)

Black (5%)



Cyan (33%)

Magenta (59%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA69F2 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 AA69F2 by changing the saturation by 10% instead.



■ AA69F2

■ AA69F2

FFFFFF

■ 8D4FD5

■ E49EFF

■ 7135B9

■ FFBAFF

■ 551B9D

■ FFD6FF

■ 380083

■ FFF3FF

■ 150069

■ 000050

■ 000538

■ 000221

■ 000007

■ AA69F2

■ AA69F2

■ 9D51F2

■ B781F2

■ 9139F2

■ C399F2

■ 8420F2

■ D0B2F2

■ 7708F2

■ DDCAF2

■ 7300F2

■ EAE2F2

■ F6FAF2

■ FFFFF2

# Harmonies

## Analogous

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



0089FF



AA69F2



EC41B7

# Triad

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



AA69F2



C87600



00A7A2

# Complementary

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



AA69F2



B1F269

# 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.



00A45A



AA69F2



8E8E00

# Square

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



AA69F2



F15230



3B9D00



00A5E3

# Rectangle

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



AA69F2



FE3089



3B9D00



00A78A



# Sweetspot

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



AA69F2



E8D4FF



69B2F2



726680



000000



808080



# Same Dimension

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



AA69F2



A452FF



ED69F2



726C78



5700B8



1B0038



# Inverse Universe

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



F269B1



FF52AD



6EF269



786C72



B80060

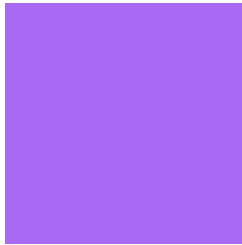


38001D



# Previews

## White Background



This preview shows how the Hex color AA69F2 looks on a white background.

## Color Contrast Check

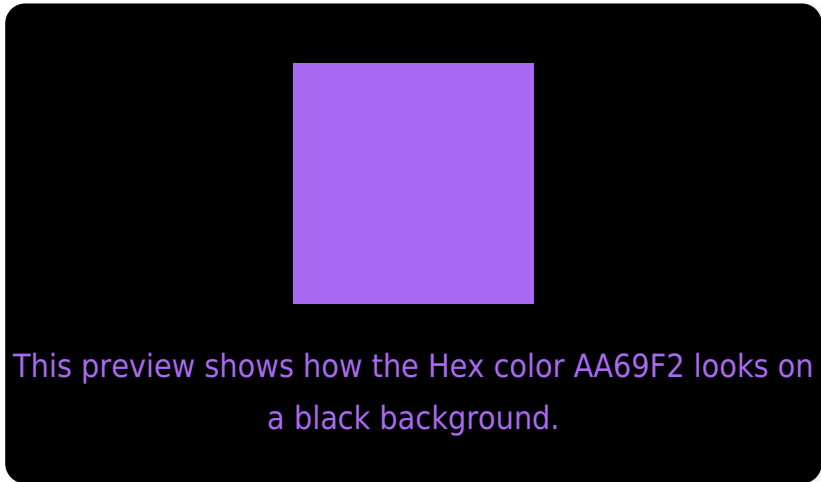
Large Text (above 18pt) WCAG AA ✓ Pass

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

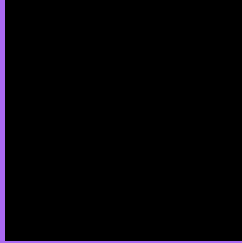
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AA69F2 Background



This preview shows how black text looks on a background with the Hex color AA69F2.

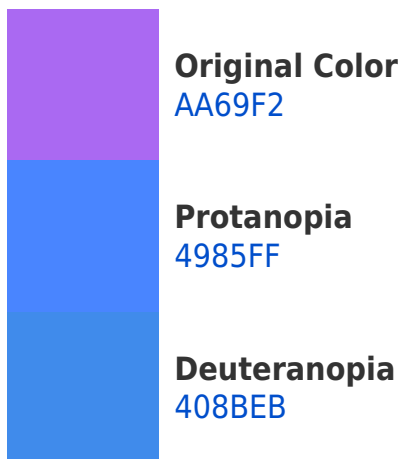


This preview shows how white text looks on a background with the Hex color AA69F2.

# 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**  
97848E

# Trichromacy



**Original Color**  
AA69F2



**Protanomaly**  
6C7BFA



**Deuteranomaly**  
677FEE



**Tritanomaly**  
9E7AB2

# Monochromacy



**Original Color**  
AA69F2



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
977FB1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA69F2 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 #AA69F2 looks like.

```
.text, #text, p{  
    color:#AA69F2  
}
```

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 #AA69F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA69F2
}
```

## Border

The CSS property to change the border of an element to Hex AA69F2 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
#AA69F2 }
```

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

```
.border{ border-color:#AA69F2 }
```

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

Here you see how a box with a 4 pixel #AA69F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA69F2; -webkit-box-shadow:4px 4px  
4px 4px #AA69F2; box-shadow:4px 4px 4px  
4px #AA69F2 }
```

# Background

The CSS property to change the background color of an element to Hex AA69F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA69F2 }
```

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

```
.background{ background-color:#AA69F2 }
```

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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