

Converting Colors

Hex(AAA0F2)

Have a look what the booklet for
Hex(AAA0F2) contains.

Hex(AAA0F2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AAA0F2)

Conversions

Conversions Part 1

Format	Color
Hex	AAA0F2
RGB	170, 160, 242
RGB Percent	67%, 63%, 95%
CMY	0.3333, 0.3725, 0.0510
CMYK	0.30, 0.34, 0.00, 0.05
HSL	247°, 76%, 79%
HSV	247°, 34%, 95%
XYZ	45.1754, 40.0985, 89.3632
YIQ	172.3380, -20.3620, 27.6220

Conversions

Conversions Part 2

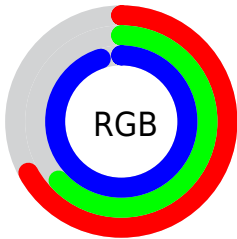
Format	Color
R _Y B	170, 160, 242
Decimal	11182322
CIE Lab	69.54, 21.50, -39.77
CIE LCh	70, 45.210, 298.393
Yxy	40.0985, 0.2587, 0.2296
Android (android.graphics.Color)	4289372402 (0xFFAAA0F2)
YUV	172.3380, 34.3434, -2.0504
Hunter-Lab	63.3233, 16.5275, -39.3449

Details

The Hex color **AAA0F2** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E8F2A0**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **E3D7FF**, and **736DB9** is the 20% darker color. If you saturate the color by 10%, you get **9588F2**, and if you desaturate by 10%, it is **BFB8F2**.

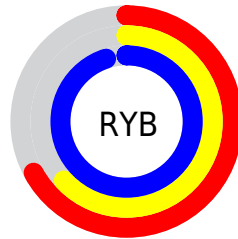
Distribution



Red (67%)

Green (63%)

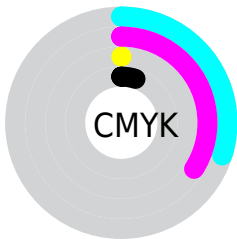
Blue (95%)



Red (67%)

Yellow (63%)

Blue (95%)

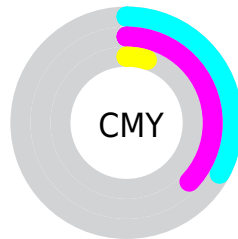


Cyan (30%)

Magenta (34%)

Yellow (0%)

Black (5%)



Cyan (33%)

Magenta (37%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAA0F2 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 AAA0F2 by changing the saturation by 10% instead.

■ AAA0F2

■ AAA0F2

FFFFFF

■ 8E86D5

■ E3D7FF

■ 736DB9

■ FFF3FF

■ 59549E

■ 3F3D84

■ 23276A

■ 001352

■ 00003A

■ 000224

■ 00000B

■ AAA0F2

■ AAA0F2

■ 9588F2

■ BFB8F2

■ 8070F2

■ D4D0F2

■ 6A57F2

■ EAE9F2

■ 553FF2

■ FFFFF2

■ 4027F2

■ 2B0FF2

■ 1E00F2

Harmonies

Analogous

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



61AFFB



AAA0F2



DB91D5

Triad

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



AAA0F2



E59865



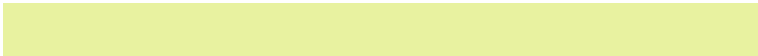
11BFA6

Complementary

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



AAA0F2



E8F2A0

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.



69BB7D



AAA0F2



C5A756

Square

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



AAA0F2



F78C85



9CB360



00BED0

Rectangle

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



AAA0F2



EE8ABC



9CB360



3CBE98

Sweetspot

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



AAA0F2



E9E6FF



A0E8F2



727080



000000



808080

Same Dimension

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



AAA0F2



A396FF



D3A0F2



6D6C78



1600B8



070038

Inverse Universe

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



F2A0E8



FF96F2



BFF2A0



786C76



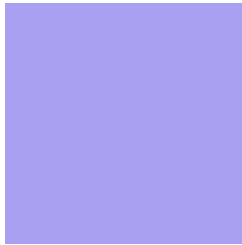
B800A1



380031

Previews

White Background



This preview shows how the Hex color AAA0F2 looks on a white background.

Color Contrast Check

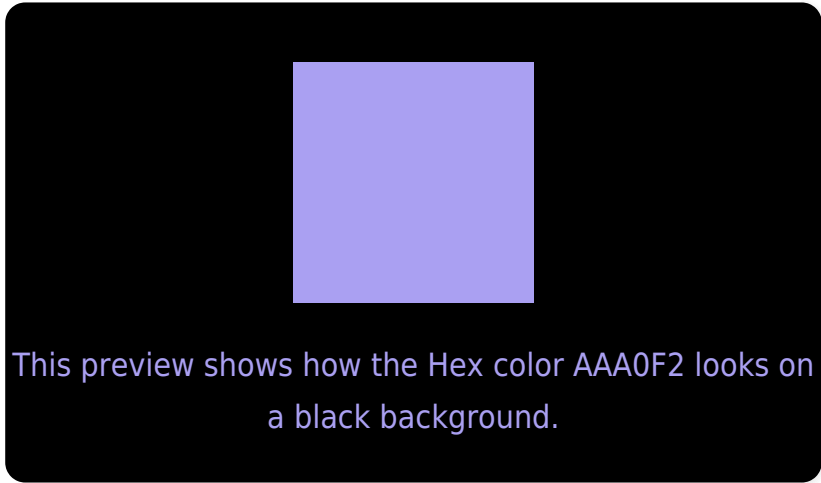
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 AAA0F2 Background



This preview shows how black text looks on a background with the Hex color AAA0F2.



This preview shows how white text looks on a background with the Hex color AAA0F2.

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](#).

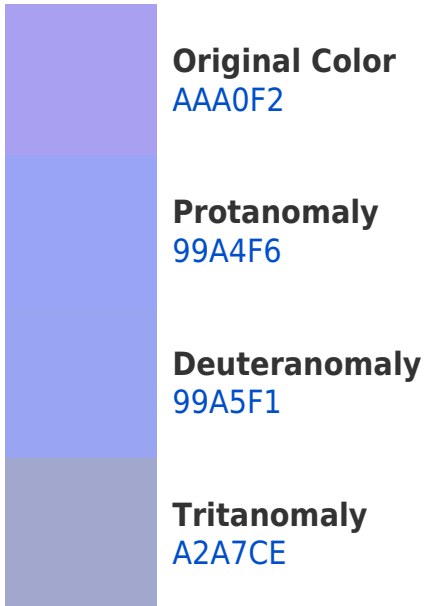
Dichromacy



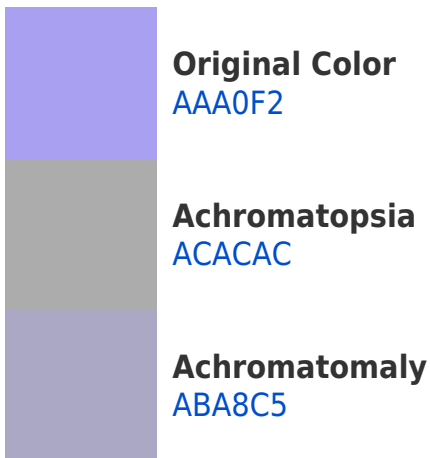


Tritanopia
9EABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AAA0F2 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 #AAA0F2 looks like.

```
.text, #text, p{  
    color:#AAA0F2  
}
```

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 #AAA0F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAA0F2
}
```

Border

The CSS property to change the border of an element to Hex AAA0F2 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
#AAA0F2 }
```

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

```
.border{ border-color:#AAA0F2 }
```

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

Here you see how a box with a 4 pixel #AAA0F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAA0F2; -webkit-box-shadow:4px 4px  
4px 4px #AAA0F2; box-shadow:4px 4px 4px  
4px #AAA0F2 }
```

Background

The CSS property to change the background color of an element to Hex AAA0F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAA0F2 }
```

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

```
.background{ background-color:#AAA0F2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor