

# Converting Colors

Hex(A2EF9A)

Have a look what the booklet for  
Hex(A2EF9A) contains.

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# **Color**

**Hex(A2EF9A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2EF9A
RGB	162, 239, 154
RGB Percent	64%, 94%, 60%
CMY	0.3647, 0.0627, 0.3961
CMYK	0.32, 0.00, 0.36, 0.06
HSL	114°, 73%, 77%
HSV	114°, 36%, 94%
XYZ	51.5995, 71.7475, 41.7009
YIQ	206.2870, -18.6070, -42.7590

# Conversions

## Conversions Part 2

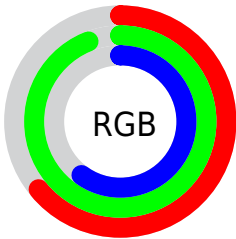
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 239, 231
Decimal	10678170
CIELab	87.85, -39.73, 33.80
CIELCh	88, 52.165, 139.607
Yxy	71.7475, 0.3126, 0.4347
Android (android.graphics.Color)	4288868250 (0xFFA2EF9A)
YUV	206.2870, -25.7775, -38.8397
Hunter-Lab	84.7039, -39.4940, 30.1034

# Details

The Hex color **A2EF9A** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E79AEF**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **DBFFD1**, and **6BB766** is the 20% darker color. If you saturate the color by 10%, you get **8CEF82**, and if you desaturate by 10%, it is **B8EFB2**.

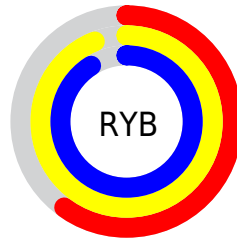
# Distribution



Red (64%)

Green (94%)

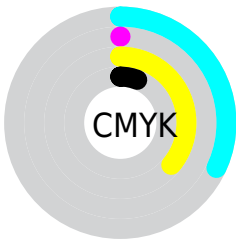
Blue (60%)



Red (60%)

Yellow (94%)

Blue (91%)

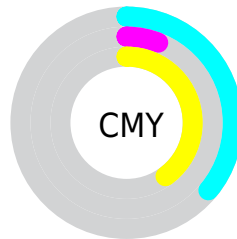


Cyan (32%)

Magenta (0%)

Yellow (36%)

Black (6%)



Cyan (36%)

Magenta (6%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2EF9A 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 A2EF9A by changing the saturation by 10% instead.



 A2EF9A

 A2EF9A

FFFFFF

 86D280

 DBFFD1

 6BB766

 F8FFEE

 509B4D

 358135

 15671D

 004F03

 003700

 002200

 000000

 A2EF9A

 A2EF9A

 8CEF82

 B8EFB2

 77EF6A

 CDEFCA

 61EF52

 E3EFE2

 4BEF3A

 F9EFFA

 36EF22

 FFEFFF

 20EF0B

 16EF00

# Harmonies

## Analogous

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



DBE47C



A2EF9A



59F5C9

# Triad

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



A2EF9A



69E6FF



FFB6BE

# Complementary

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



A2EF9A



E79AEF

# 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.



FFB6F0



A2EF9A



C7D6FF

# Square

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



A2EF9A



00F1FF



FFC3FF



FFC293

# Rectangle

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



A2EF9A



00F6EB



FFC3FF



FFB4CE

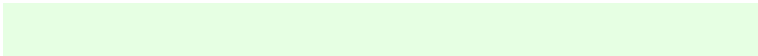


# Sweetspot

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



A2EF9A



E6FFE3



EFE69A



70806F



000000



808080

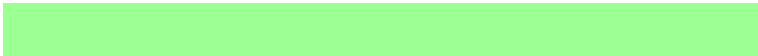


# Same Dimension

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



A2EF9A



9CFF91



9AEFBC



6D786C



11B800



053800



# Inverse Universe

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



E79AEF



F591FF



EF9ACD



776C78



A600B8

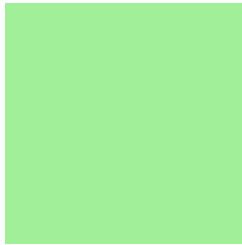


330038



# Previews

## White Background



This preview shows how the Hex color A2EF9A 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

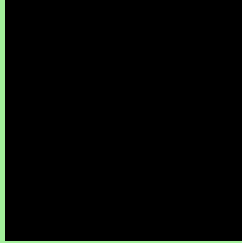
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A2EF9A Background



This preview shows how black text looks on a background with the Hex color A2EF9A.

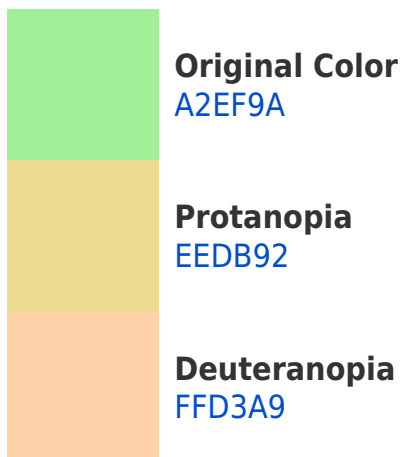


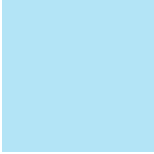
This preview shows how white text looks on a background with the Hex color A2EF9A.

# 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](#).

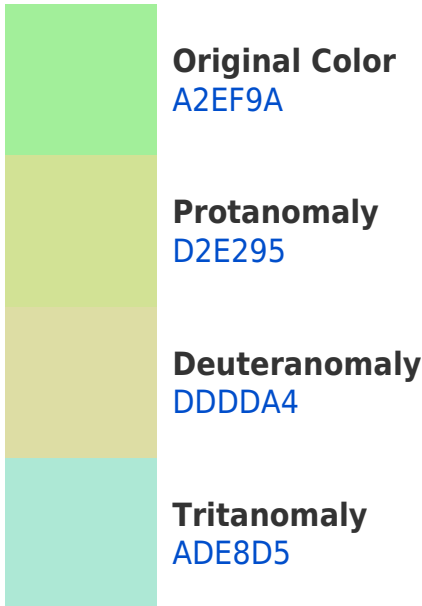
## Dichromacy



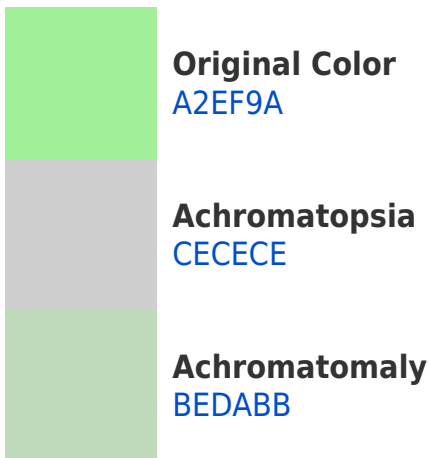


**Tritanopia**  
B3E4F6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2EF9A 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 #A2EF9A looks like.

```
.text, #text, p{  
    color:#A2EF9A  
}
```

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 #A2EF9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2EF9A
}
```

## Border

The CSS property to change the border of an element to Hex A2EF9A 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
#A2EF9A }
```

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

```
.border{ border-color:#A2EF9A }
```

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

Here you see how a box with a 4 pixel #A2EF9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2EF9A; -webkit-box-shadow:4px 4px  
4px 4px #A2EF9A; box-shadow:4px 4px 4px  
4px #A2EF9A }
```

# Background

The CSS property to change the background color of an element to Hex A2EF9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2EF9A }
```

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

```
.background{ background-color:#A2EF9A }
```

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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