

# Converting Colors

Hex(A090F0)

Have a look what the booklet for  
Hex(A090F0) contains.

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# Color

**Hex(A090F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A090F0
RGB	160, 144, 240
RGB Percent	63%, 56%, 94%
CMY	0.3725, 0.4353, 0.0588
CMYK	0.33, 0.40, 0.00, 0.06
HSL	250°, 76%, 75%
HSV	250°, 40%, 94%
XYZ	40.1986, 33.7114, 86.8263
YIQ	159.7280, -21.2800, 33.2480

# Conversions

## Conversions Part 2

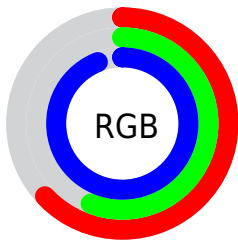
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 144, 240
Decimal	10522864
CIE <sub>Lab</sub>	64.73, 27.33, -46.27
CIE <sub>LCh</sub>	65, 53.737, 300.566
Yxy	33.7114, 0.2501, 0.2097
Android (android.graphics.Color)	4288712944 (0xFFA090F0)
YUV	159.7280, 39.5741, 0.2385
Hunter-Lab	58.0615, 21.9761, -48.0204

# Details

The Hex color **A090F0** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E0F090**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **D9C6FF**, and **695DB7** is the 20% darker color. If you saturate the color by 10%, you get **8C78F0**, and if you desaturate by 10%, it is **B4A8F0**.

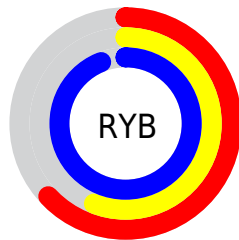
# Distribution



Red (63%)

Green (56%)

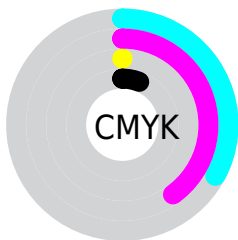
Blue (94%)



Red (63%)

Yellow (56%)

Blue (94%)

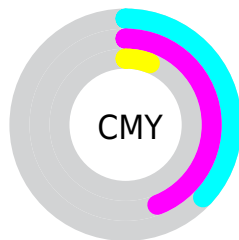


Cyan (33%)

Magenta (40%)

Yellow (0%)

Black (6%)



Cyan (37%)

Magenta (44%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A090F0 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 A090F0 by changing the saturation by 10% instead.



 A090F0

 A090F0

FFFFFF

 8476D3


 D9C6FF

 695DB7

 F6E2FF

 4E469C

 322F82

 111A68

 00044F

 000138

 000221

 000007

 A090F0

 A090F0

 8C78F0

 B4A8F0

 7860F0

 C8C0F0

 6448F0

 DCD8F0

 5030F0

 F0F0F0

 3C18F0

 FFFFF0

 2800F0

# Harmonies

## Analogous

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



37A2FD



A090F0



D87DCD

# Triad

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



A090F0



DD8949



00B59C

# Complementary

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



A090F0



E0F090

# 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.



44B16C



A090F0



B79B37

# Square

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



A090F0



F3786F



86A846



00B4CC

# Rectangle

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



A090F0



ED74AE



86A846



00B48C



# Sweetspot

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



A090F0



E6E0FF



90E0F0



716E80



000000



808080



# Same Dimension

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



A090F0



9985FF



D090F0



6E6C78



1F00B8



090038



# Inverse Universe

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



F090E0



FF85EB



B0F090



786C76



B80099

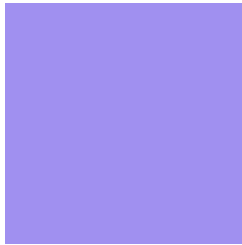


38002F



# Previews

## White Background



This preview shows how the Hex color A090F0 looks on a white background.

## Color Contrast Check

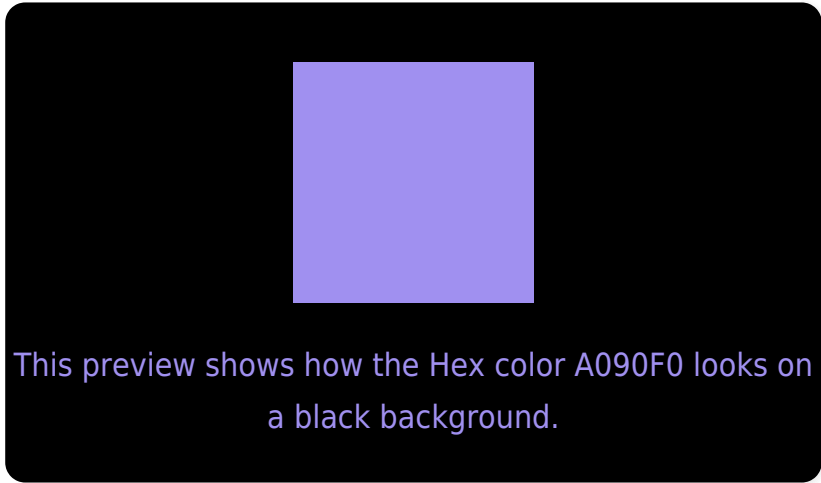
Large Text (above 18pt) WCAG AA × Fail

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

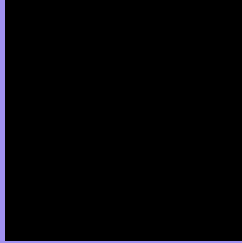
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A090F0 Background



This preview shows how black text looks on a background with the Hex color A090F0.

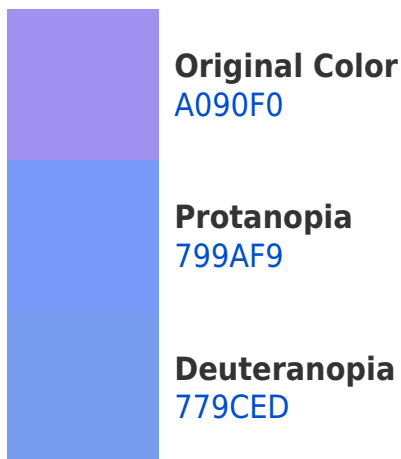


This preview shows how white text looks on a background with the Hex color A090F0.

# Color Blindness Simulation

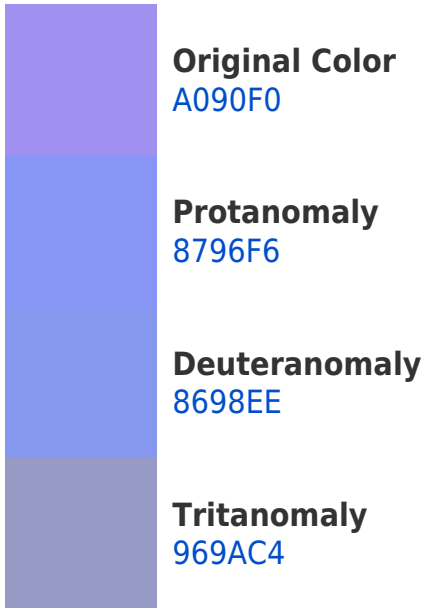
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

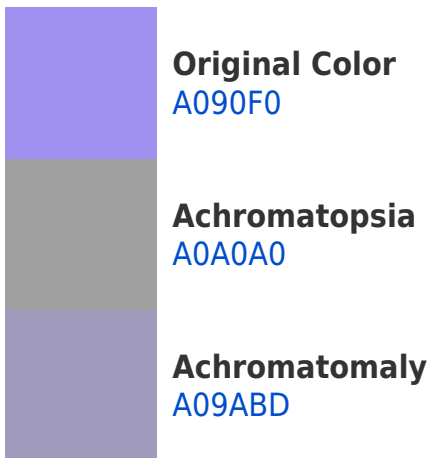




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A090F0 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 #A090F0 looks like.

```
.text, #text, p{  
    color:#A090F0  
}
```

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 #A090F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A090F0
}
```

## Border

The CSS property to change the border of an element to Hex A090F0 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
#A090F0 }
```

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

```
.border{ border-color:#A090F0 }
```

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

Here you see how a box with a 4 pixel #A090F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A090F0; -webkit-box-shadow:4px 4px  
4px 4px #A090F0; box-shadow:4px 4px 4px  
4px #A090F0 }
```

# Background

The CSS property to change the background color of an element to Hex A090F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A090F0 }
```

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

```
.background{ background-color:#A090F0 }
```

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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