

# Converting Colors

Hex(7AA6F5)

Have a look what the booklet for  
Hex(7AA6F5) contains.

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# **Color**

**Hex(7AA6F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AA6F5
RGB	122, 166, 245
RGB Percent	48%, 65%, 96%
CMY	0.5216, 0.3490, 0.0392
CMYK	0.50, 0.32, 0.00, 0.04
HSL	219°, 86%, 72%
HSV	219°, 50%, 96%
XYZ	38.1437, 38.0026, 91.7110
YIQ	161.8500, -51.5830, 15.2410

# Conversions

## Conversions Part 2

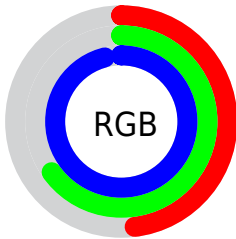
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">122, 154, 245</a>
Decimal	<a href="#">8038133</a>
CIELab	<a href="#">68.02, 6.64, -44.01</a>
CIELCh	<a href="#">68, 44.511, 278.579</a>
Yxy	<a href="#">38.0026, 0.2272, 0.2264</a>
Android (android.graphics.Color)	<a href="#">4286228213</a> ( <a href="#">0xFF7AA6F5</a> )
YUV	<a href="#">161.8500, 40.9930, -34.9484</a>
Hunter-Lab	<a href="#">61.6462, 2.5662, -45.0533</a>

# Details

The Hex color **7AA6F5** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F5C97A**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B4DDFF**, and **3E73BC** is the 20% darker color. If you saturate the color by 10%, you get **6296F5**, and if you desaturate by 10%, it is **93B6F5**.

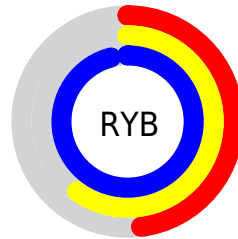
# Distribution



Red (48%)

Green (65%)

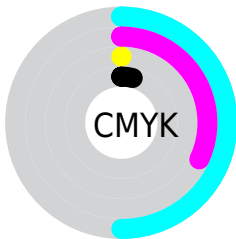
Blue (96%)



Red (48%)

Yellow (60%)

Blue (96%)

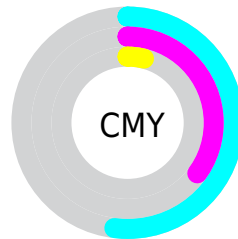


Cyan (50%)

Magenta (32%)

Yellow (0%)

Black (4%)



Cyan (52%)

Magenta (35%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AA6F5 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 7AA6F5 by changing the saturation by 10% instead.



 7AA6F5

 7AA6F5

FFFFFF

 5D8CD8

 B4DDFF

 3E73BC

 D1F9FF

 165AA1

 EFFFFFF

 004386

 002E6D

 001A54

 00063C

 000226

 00010E

 7AA6F5

 7AA6F5

 6296F5

 93B6F5

 4987F5

 ABC5F5

 3077F5

 C4D5F5

 1867F5

 DCE5F5

 0058F5

 F5F5F5

 FFFFF5

# Harmonies

## Analogous

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



00B2F0



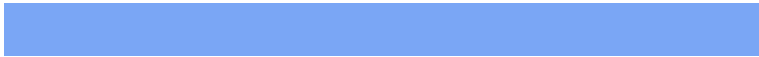
7AA6F5



B997E5

# Triad

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



7AA6F5



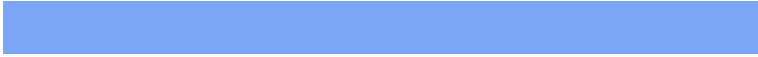
ED8C76



52B887

# Complementary

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



7AA6F5



F5C97A

# 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.



88B265



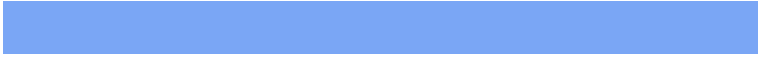
7AA6F5



D7995B

# Square

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



7AA6F5



F2859C



B3A754



00BBB0

# Rectangle

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



7AA6F5



D68DD0



B3A754



66B77A



# Sweetspot

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



7AA6F5



D9E6FF



7AF5C8



697180



000000

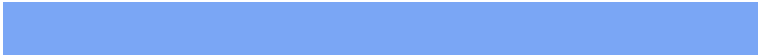


808080

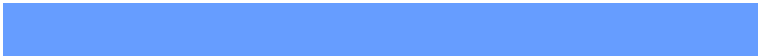


# Same Dimension

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



7AA6F5



669DFF



8A7AF5



6E737A



0043BA



00153B



# Inverse Universe

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



F57AA6



FF669D



E5F57A



7A6E73



BA0043



3B0015



# Previews

## White Background



This preview shows how the Hex color 7AA6F5 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



This preview shows how the Hex color 7AA6F5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

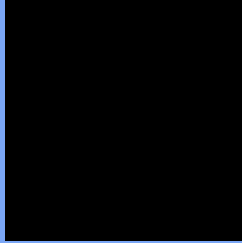
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

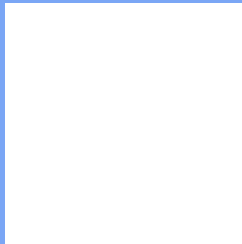
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7AA6F5 Background



This preview shows how black text looks on a background with the Hex color 7AA6F5.



This preview shows how white text looks on a background with the Hex color 7AA6F5.

# 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](#).

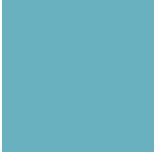
## Dichromacy



**Original Color**  
7AA6F5

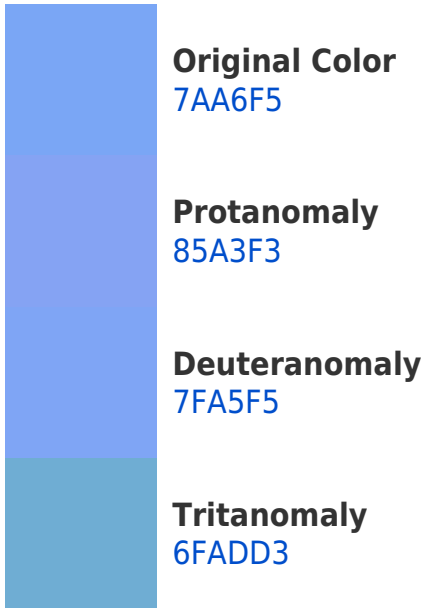
**Protanopia**  
8BA2F2

**Deuteranopia**  
82A4F5

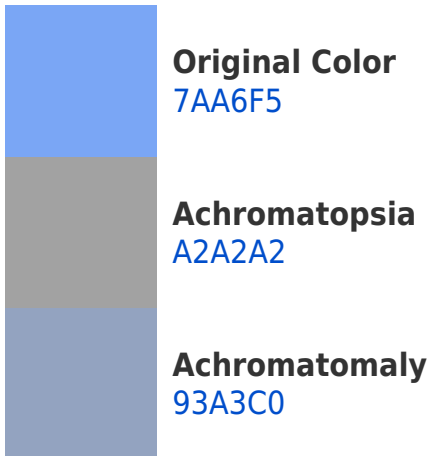


**Tritanopia**  
69B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AA6F5 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 #7AA6F5 looks like.

```
.text, #text, p{  
    color:#7AA6F5  
}
```

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 #7AA6F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AA6F5
}
```

## Border

The CSS property to change the border of an element to Hex 7AA6F5 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
#7AA6F5 }
```

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

```
.border{ border-color:#7AA6F5 }
```

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

Here you see how a box with a 4 pixel #7AA6F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AA6F5; -webkit-box-shadow:4px 4px  
4px 4px #7AA6F5; box-shadow:4px 4px 4px  
4px #7AA6F5 }
```

# Background

The CSS property to change the background color of an element to Hex 7AA6F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AA6F5 }
```

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

```
.background{ background-color:#7AA6F5 }
```

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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