

# Converting Colors

Hex(7A7AF2)

Have a look what the booklet for  
Hex(7A7AF2) contains.

<b>Hex(7A7AF2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(7A7AF2)

# Conversions

## Conversions Part 1

Format	Color
Hex	7A7AF2
RGB	122, 122, 242
RGB Percent	48%, 48%, 95%
CMY	0.5216, 0.5216, 0.0510
CMYK	0.50, 0.50, 0.00, 0.05
HSL	240°, 82%, 71%
HSV	240°, 50%, 95%
XYZ	31.0126, 24.4674, 87.0925
YIQ	135.6800, -38.5200, 37.3200

# Conversions

## Conversions Part 2

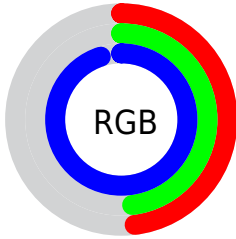
Format	Color
<a href="#">RYB</a>	<a href="#">122, 122, 242</a>
Decimal	<a href="#">8026866</a>
CIELab	<a href="#">56.55, 31.49, -60.56</a>
CIELCh	<a href="#">57, 68.261, 297.475</a>
Yxy	<a href="#">24.4674, 0.2175, 0.1716</a>
Android (android.graphics.Color)	<a href="#">4286216946</a> ( <a href="#">0xFF7A7AF2</a> )
YUV	<a href="#">135.6800, 52.4158, -11.9974</a>
Hunter-Lab	<a href="#">49.4646, 25.3503, -69.7670</a>

# Details

The Hex color **7A7AF2** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **F2F27A**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **B5AEFF**, and **3C49B9** is the 20% darker color. If you saturate the color by 10%, you get **6262F2**, and if you desaturate by 10%, it is **9292F2**.

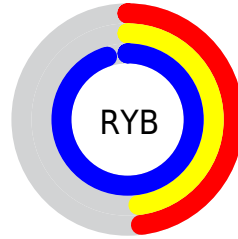
# Distribution



Red (48%)

Green (48%)

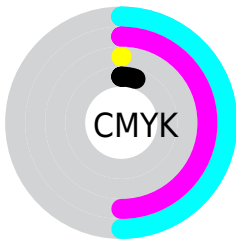
Blue (95%)



Red (48%)

Yellow (48%)

Blue (95%)

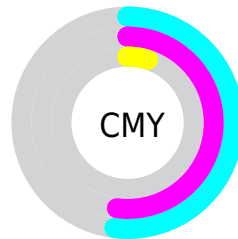


Cyan (50%)

Magenta (50%)

Yellow (0%)

Black (5%)



Cyan (52%)

Magenta (52%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A7AF2 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 7A7AF2 by changing the saturation by 10% instead.



 7A7AF2

 7A7AF2

FFFFFF

 5C61D5

 B5AEFF

 3C49B9

 D2CAFF

 11339E

 F0E6FF

 001E83

 000B69

 000050

 000538

 000222

 000007

 7A7AF2


 7A7AF2

 6262F2

 9292F2

 4A4AF2

 AAAAF2

 3131F2

 C3C3F2

 1919F2

 DBDBF2

 0101F2

 F3F3F2

 0000F2

 FFFFF2

# Harmonies

## Analogous

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



0090FF



7A7AF2



CA5DC9

# Triad

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



7A7AF2



D36B1D



00A281

# Complementary

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



7A7AF2



F2F27A

# 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.



009E43



7A7AF2



A78300

# Square

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



7A7AF2



ED5055



6D9400



00A2BD

# Rectangle

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



7A7AF2



E54CA3



6D9400



00A16C



# Sweetspot

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



7A7AF2



D9D9FF



7AF2F2



696980



000000



808080



# Same Dimension

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



7A7AF2



6666FF



B67AF2



6C6C78



0000B8



000038



# Inverse Universe

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



F27AF2



FF66FF



B6F27A



786C78



B800B8

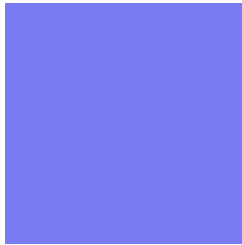


380038



# Previews

## White Background



This preview shows how the Hex color 7A7AF2 looks on a white background.

## Color Contrast Check

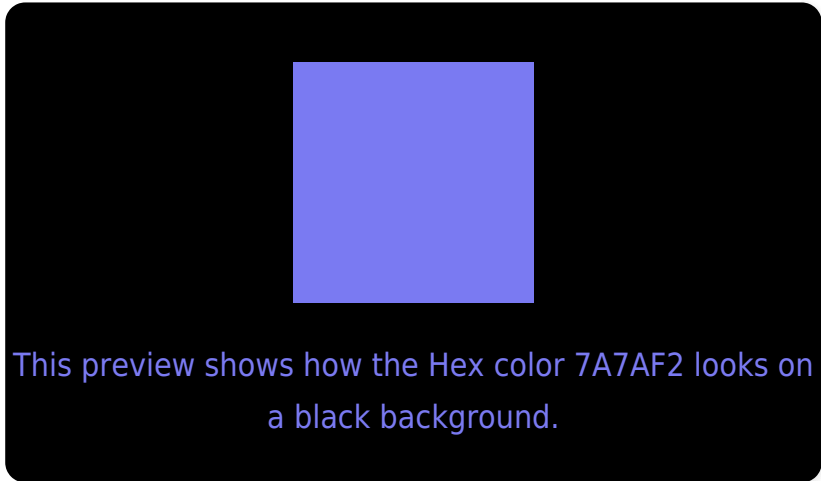
Large Text (above 18pt) WCAG AA ✓ Pass

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

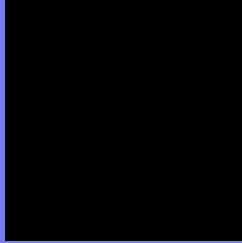
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7A7AF2 Background



This preview shows how black text looks on a background with the Hex color 7A7AF2.



This preview shows how white text looks on a background with the Hex color 7A7AF2.

# 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](#).

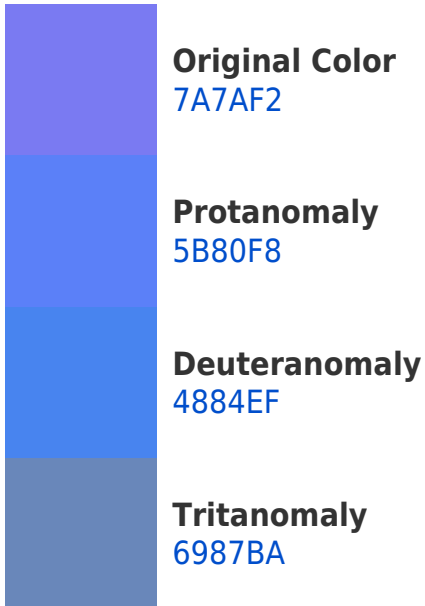
## Dichromacy



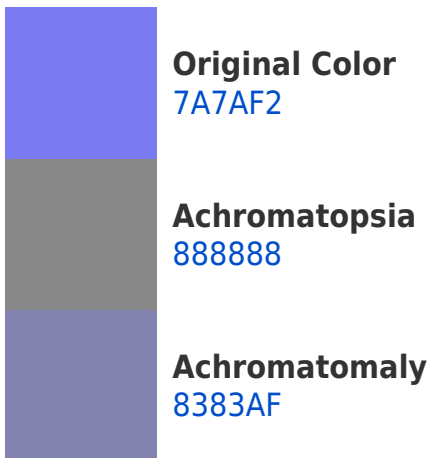


**Tritanopia**  
5F8F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A7AF2 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 #7A7AF2 looks like.

```
.text, #text, p{  
    color:#7A7AF2  
}
```

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 #7A7AF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7AF2
}
```

## Border

The CSS property to change the border of an element to Hex 7A7AF2 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
#7A7AF2 }
```

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

```
.border{ border-color:#7A7AF2 }
```

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

Here you see how a box with a 4 pixel #7A7AF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7AF2; -webkit-box-shadow:4px 4px  
4px 4px #7A7AF2; box-shadow:4px 4px 4px  
4px #7A7AF2 }
```

# Background

The CSS property to change the background color of an element to Hex 7A7AF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7AF2 }
```

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

```
.background{ background-color:#7A7AF2 }
```

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