

# Converting Colors

Hex(738ADA)

Have a look what the booklet for  
Hex(738ADA) contains.

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# **Color**

**Hex(738ADA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	738ADA
RGB	115, 138, 218
RGB Percent	45%, 54%, 85%
CMY	0.5490, 0.4588, 0.1451
CMYK	0.47, 0.37, 0.00, 0.15
HSL	227°, 58%, 65%
HSV	227°, 47%, 85%
XYZ	28.8136, 26.8838, 70.0001
YIQ	140.2430, -39.3880, 20.0040

# Conversions

## Conversions Part 2

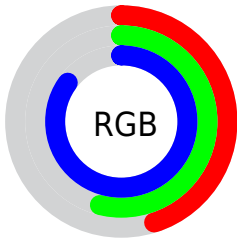
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 134, 218
Decimal	7572186
CIELab	58.87, 13.18, -43.53
CIELCh	59, 45.486, 286.848
Yxy	26.8838, 0.2292, 0.2139
Android (android.graphics.Color)	4285762266 (0xFF738ADA)
YUV	140.2430, 38.3342, -22.1381
Hunter-Lab	51.8495, 8.4585, -43.7505

# Details

The Hex color **738ADA** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **DAC373**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **ABBFFF**, and **3A58A3** is the 20% darker color. If you saturate the color by 10%, you get **5D79DA**, and if you desaturate by 10%, it is **899BDA**.

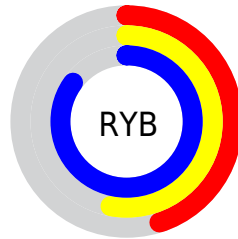
# Distribution



Red (45%)

Green (54%)

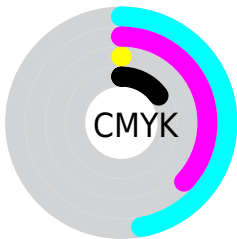
Blue (85%)



Red (45%)

Yellow (53%)

Blue (85%)

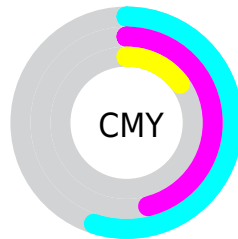


Cyan (47%)

Magenta (37%)

Yellow (0%)

Black (15%)



Cyan (55%)

Magenta (46%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 738ADA 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 738ADA by changing the saturation by 10% instead.



 738ADA

 738ADA

FFFFFF

 5771BE

 ABBFFF

 3A58A3

 C8DBFF

 174188

 E5F7FF

 002C6E

 001855

 00003E

 000327

 000110

 000000

 738ADA

 738ADA

 5D79DA

 899BDA

 4768DA

 9FACDA

 3257DA

 B4BDDA

 1C46DA

 CACEDA

 0635DA

 E0DFDA

 0031DA

 F6F0DA

 FFFFDA

# Harmonies

## Analogous

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



0097DB



738ADA



AD7AC5

# Triad

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



738ADA



CE7755



0FA17A

# Complementary

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



738ADA



DAC373

# 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.



629C55



738ADA



B4853E

# Square

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



738ADA



D96C79



8F923E



00A2A3

# Rectangle

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



738ADA



C671AE



8F923E



389F6D



# Sweetspot

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



738ADA



DBE3FF



73DAC2



6A6F80



000000



808080



# Same Dimension

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



738ADA



6E8EFF



8E73DA



63656E



0027AD



000A2E



# Inverse Universe

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



DA738A



FF6E8E



BFDA73



6E6365



AD0027

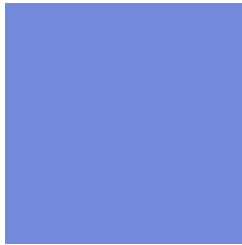


2E000A



# Previews

## White Background



This preview shows how the Hex color 738ADA looks on a white background.

## Color Contrast Check

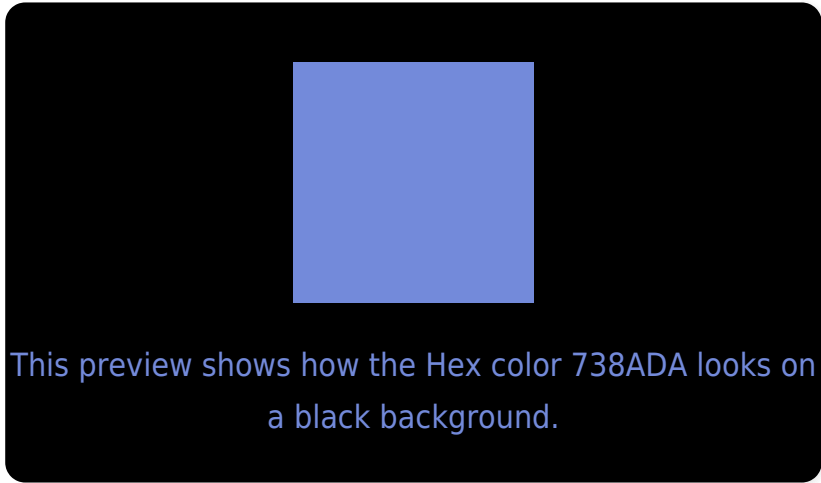
Large Text (above 18pt) WCAG AA ✓ Pass

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

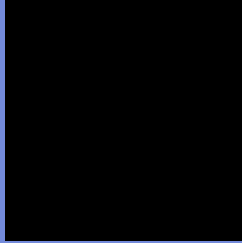
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 738ADA Background



This preview shows how black text looks on a background with the Hex color 738ADA.

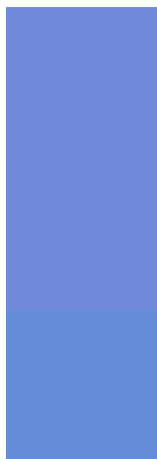


This preview shows how white text looks on a background with the Hex color 738ADA.

# 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**


738ADA

**Protanopia**

708BDB

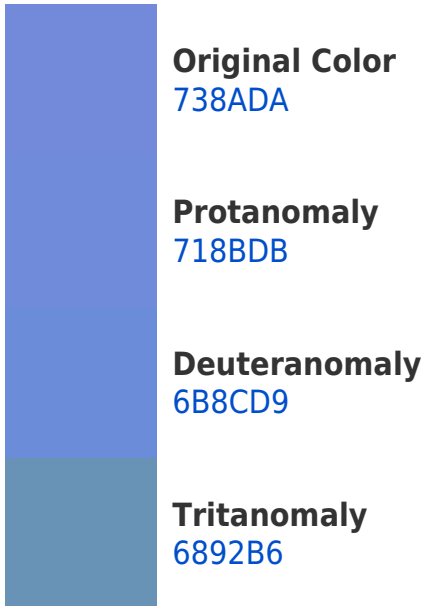
**Deuteranopia**

678DD9

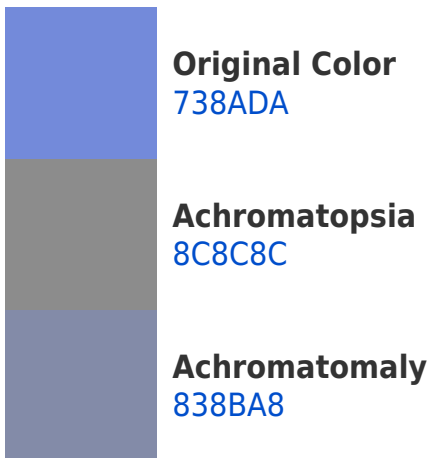


**Tritanopia**  
6296A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 738ADA 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 #738ADA looks like.

```
.text, #text, p{  
    color:#738ADA  
}
```

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 #738ADA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #738ADA
}
```

## Border

The CSS property to change the border of an element to Hex 738ADA 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
#738ADA }
```

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

```
.border{ border-color:#738ADA }
```

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

Here you see how a box with a 4 pixel #738ADA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #738ADA; -webkit-box-shadow:4px 4px  
4px 4px #738ADA; box-shadow:4px 4px 4px  
4px #738ADA }
```

# Background

The CSS property to change the background color of an element to Hex 738ADA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#738ADA }
```

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

```
.background{ background-color:#738ADA }
```

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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