

# Converting Colors

Hex(3F9BDA)

Have a look what the booklet for  
Hex(3F9BDA) contains.

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# Color

**Hex(3F9BDA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3F9BDA
RGB	63, 155, 218
RGB Percent	25%, 61%, 85%
CMY	0.7529, 0.3922, 0.1451
CMYK	0.71, 0.29, 0.00, 0.15
HSL	204°, 68%, 55%
HSV	204°, 71%, 85%
XYZ	26.4261, 29.5614, 70.6428
YIQ	134.6740, -75.0550, 0.0890

# Conversions

## Conversions Part 2

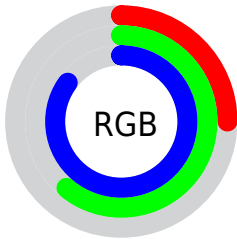
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	63, 121, 218
Decimal	4168666
CIE Lab	61.27, -6.74, -39.91
CIE LCh	61, 40.475, 260.416
Yxy	29.5614, 0.2087, 0.2334
Android (android.graphics.Color)	4282358746 (0xFF3F9BDA)
YUV	134.6740, 41.0797, -62.8581
Hunter-Lab	54.3704, -8.3903, -38.9755

# Details

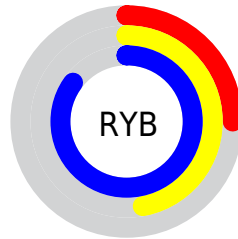
The Hex color **3F9BDA** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **DA7E3F**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **80D1FF**, and **0068A3** is the 20% darker color. If you saturate the color by 10%, you get **2992DA**, and if you desaturate by 10%, it is **55A4DA**.

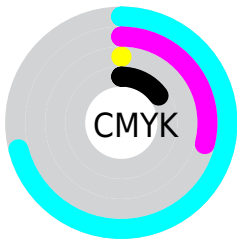
# Distribution



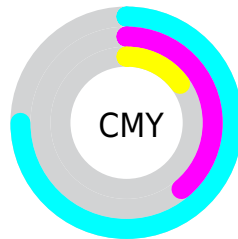
- Red (25%)
- Green (61%)
- Blue (85%)



- Red (25%)
- Yellow (47%)
- Blue (85%)



- Cyan (71%)
- Magenta (29%)
- Yellow (0%)
- Black (15%)



- Cyan (75%)
- Magenta (39%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F9BDA 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 3F9BDA by changing the saturation by 10% instead.



■ 3F9BDA

■ 3F9BDA

FFFFFF

■ 0A81BE

■ 80D1FF

■ 0068A3

■ 9EEDFF

■ 005088

■ BCFFFF

■ 003A6E

■ DBFFFF

■ 002456

■ F9FFFF

■ 000E3E

■ 000328

■ 000111

■ 000000

■ 3F9BDA

■ 3F9BDA

■ 2992DA

■ 55A4DA

■ 1389DA

■ 6BADDA

■ 0081DA

■ 80B6DA

■ 96BEDA

■ ACC7DA

■ C2D0DA

■ D8D9DA

■ EDE2DA

■ FFEFDA

# Harmonies

## Analogous

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



00A3CA



3F9BDA



868FD7

# Triad

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



3F9BDA



D8787D



68A165

# Complementary

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



3F9BDA



DA7E3F

# 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.



92994F



3F9BDA



CD815E

# Square

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



3F9BDA



D178A1



B48E4C



30A687

# Rectangle

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



3F9BDA



A886CB



B48E4C



779F5C

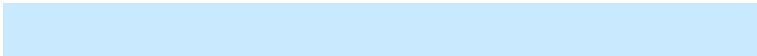


# Sweetspot

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



3F9BDA



C9E9FF



3FDA7D



607380



000000



808080



# Same Dimension

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



3F9BDA



26A7FF



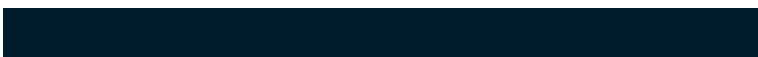
3F4EDA



63696E



0067AD



001B2E



# Inverse Universe

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



DA3F9B



FF26A7



DACB3F



6E6369



AD0067



2E001B



# Previews

## White Background



This preview shows how the Hex color 3F9BDA 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



This preview shows how the Hex color 3F9BDA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

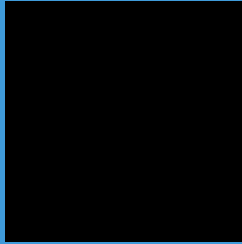
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

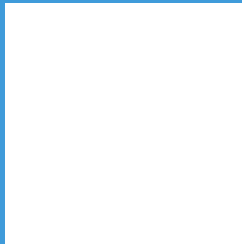
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3F9BDA Background



This preview shows how black text looks on a background with the Hex color 3F9BDA.

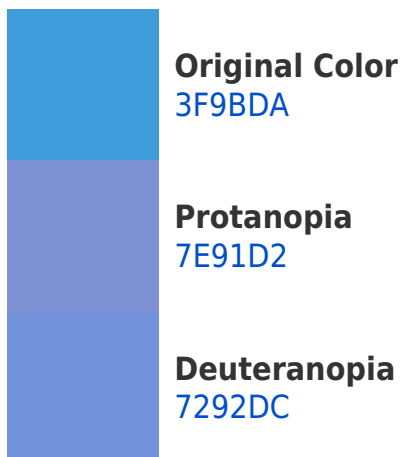


This preview shows how white text looks on a background with the Hex color 3F9BDA.

# 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](#).

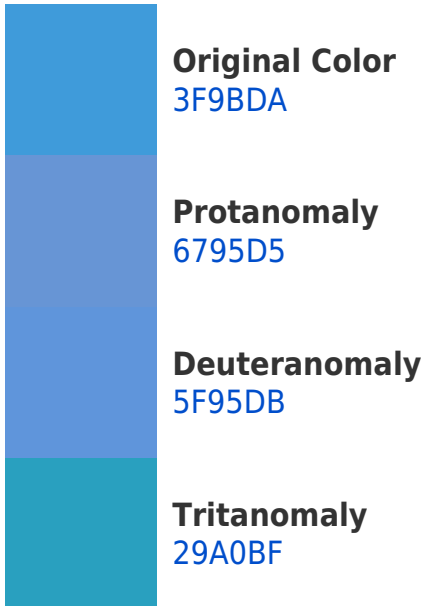
## Dichromacy



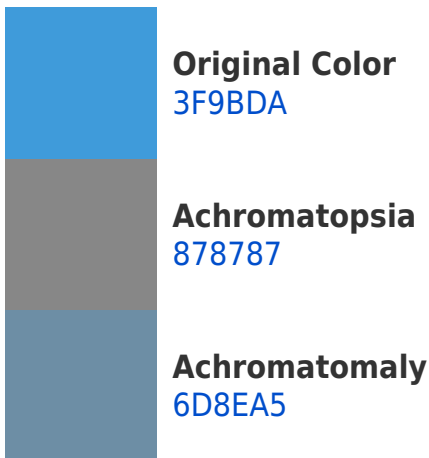


**Tritanopia**  
1CA3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F9BDA 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 #3F9BDA looks like.

```
.text, #text, p{  
    color:#3F9BDA  
}
```

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 #3F9BDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F9BDA
}
```

## Border

The CSS property to change the border of an element to Hex 3F9BDA 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
#3F9BDA }
```

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

```
.border{ border-color:#3F9BDA }
```

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

Here you see how a box with a 4 pixel #3F9BDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F9BDA; -webkit-box-shadow:4px 4px  
4px 4px #3F9BDA; box-shadow:4px 4px 4px  
4px #3F9BDA }
```

# Background

The CSS property to change the background color of an element to Hex 3F9BDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F9BDA }
```

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

```
.background{ background-color:#3F9BDA }
```

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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