

# Converting Colors

Hex(3B62AF)

Have a look what the booklet for  
Hex(3B62AF) contains.

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# Color

**Hex(3B62AF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3B62AF
RGB	59, 98, 175
RGB Percent	23%, 38%, 69%
CMY	0.7686, 0.6157, 0.3137
CMYK	0.66, 0.44, 0.00, 0.31
HSL	220°, 50%, 46%
HSV	220°, 66%, 69%
XYZ	13.9092, 12.7603, 42.2873
YIQ	95.1170, -47.9610, 15.6790

# Conversions

## Conversions Part 2

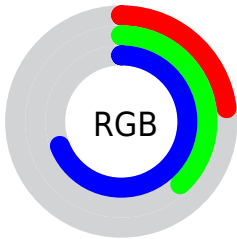
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	59, 88, 175
Decimal	3891887
CIE Lab	42.40, 11.76, -45.23
CIE LCh	42, 46.735, 284.577
Yxy	12.7603, 0.2017, 0.1850
Android (android.graphics.Color)	4282081967 (0xFF3B62AF)
YUV	95.1170, 39.3823, -31.6746
Hunter-Lab	35.7216, 6.9911, -45.1826

# Details

The Hex color **3B62AF** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **AF883B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7694E7**, and **00347A** is the 20% darker color. If you saturate the color by 10%, you get **2A56AF**, and if you desaturate by 10%, it is **4D6EAF**.

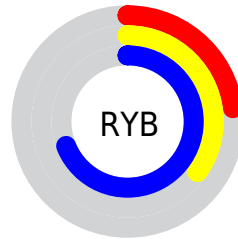
# Distribution



Red (23%)

Green (38%)

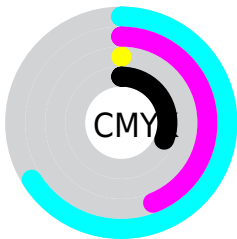
Blue (69%)



Red (23%)

Yellow (35%)

Blue (69%)

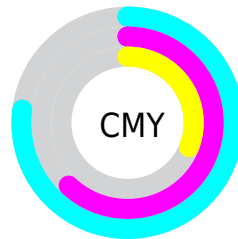


Cyan (66%)

Magenta (44%)

Yellow (0%)

Black (31%)



Cyan (77%)

Magenta (62%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B62AF 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 3B62AF by changing the saturation by 10% instead.



■ 3B62AF

■ 3B62AF

FFFFFF

■ 154B94

■ 7694E7

■ 00347A

■ 92AFFF

■ 002061

■ AFCAFF

■ 000848

■ CCE6FF

■ 000431

■ EAFFFF

■ 00011B

■ 000000

■ 3B62AF

■ 3B62AF

■ 2A56AF

■ 4D6EAF

■ 184BAF

■ 5E79AF

■ 073FAF

■ 7085AF

■ 003BAF

■ 8190AF

■ 939CAF

■ A4A8AF

■ B6B3AF

■ C7BFAF

■ D9CBAF

# Harmonies

## Analogous

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



006EAE



3B62AF



7E519B

# Triad

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



3B62AF



A04B2F



00754E

# Complementary

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



3B62AF



AF883B

# 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.



397129



3B62AF



885B13

# Square

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



3B62AF



AA3F53



66680E



007676

# Rectangle

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



3B62AF



974786



66680E



007441



# Sweetspot

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



3B62AF



B6C5E3



3BAF86



576073



F2F2F2



737373



# Same Dimension

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



3B62AF



2D6AE3



4C3BAF



4E5157



003396



000817



# Inverse Universe

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



AF3B62



E32D6A



9EAF3B



574E51



960033



170008



# Previews

## White Background



This preview shows how the Hex color 3B62AF looks on a white background.

## Color Contrast Check

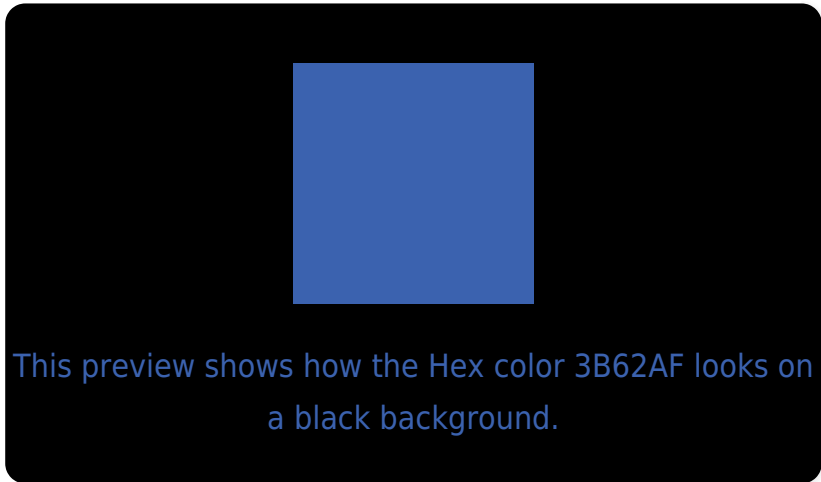
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

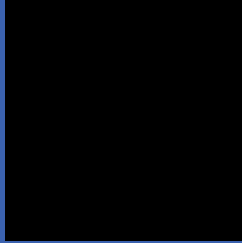
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B62AF Background



This preview shows how black text looks on a background with the Hex color 3B62AF.

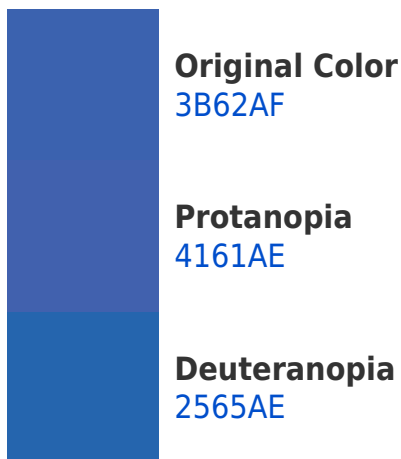


This preview shows how white text looks on a background with the Hex color 3B62AF.

# 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](#).

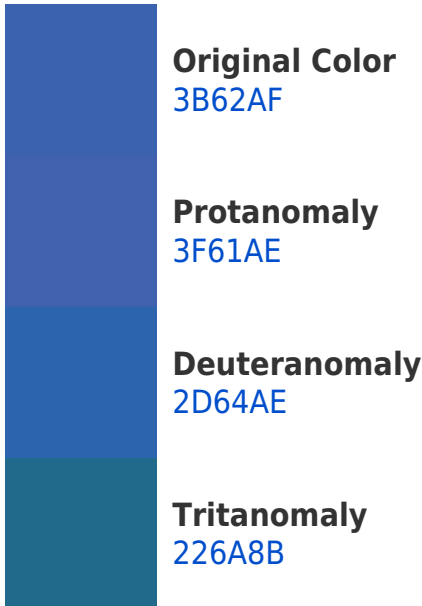
## Dichromacy



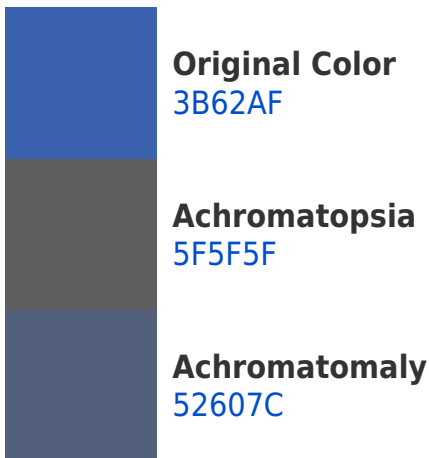


**Tritanopia**  
146E77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B62AF 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 #3B62AF looks like.

```
.text, #text, p{  
    color:#3B62AF  
}
```

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 #3B62AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B62AF
}
```

## Border

The CSS property to change the border of an element to Hex 3B62AF 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
#3B62AF }
```

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

```
.border{ border-color:#3B62AF }
```

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

Here you see how a box with a 4 pixel #3B62AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B62AF; -webkit-box-shadow:4px 4px  
4px 4px #3B62AF; box-shadow:4px 4px 4px  
4px #3B62AF }
```

# Background

The CSS property to change the background color of an element to Hex 3B62AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B62AF }
```

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

```
.background{ background-color:#3B62AF }
```

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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