

# Converting Colors

Hex(4162BF)

Have a look what the booklet for  
Hex(4162BF) contains.

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# Color

**Hex(4162BF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4162BF
RGB	65, 98, 191
RGB Percent	25%, 38%, 75%
CMY	0.7451, 0.6157, 0.2510
CMYK	0.66, 0.49, 0.00, 0.25
HSL	224°, 50%, 50%
HSV	224°, 66%, 75%
XYZ	15.9516, 13.6208, 51.0785
YIQ	98.7350, -49.5210, 21.9270

# Conversions

## Conversions Part 2

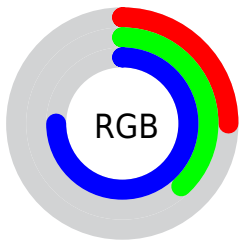
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	65, 91, 191
Decimal	4285119
CIE Lab	43.68, 18.54, -52.50
CIE LCh	44, 55.676, 289.451
Yxy	13.6208, 0.1978, 0.1689
Android (android.graphics.Color)	4282475199 (0xFF4162BF)
YUV	98.7350, 45.4866, -29.5856
Hunter-Lab	36.9063, 12.5651, -56.2232

# Details

The Hex color **4162BF** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **BF9E41**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **7D94F8**, and **003489** is the 20% darker color. If you saturate the color by 10%, you get **2E54BF**, and if you desaturate by 10%, it is **5470BF**.

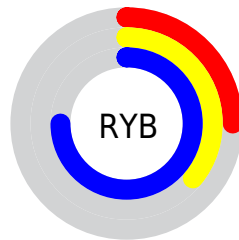
# Distribution



Red (25%)

Green (38%)

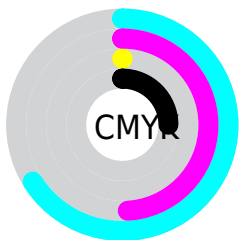
Blue (75%)



Red (25%)

Yellow (36%)

Blue (75%)

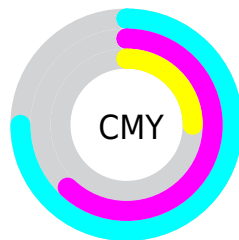


Cyan (66%)

Magenta (49%)

Yellow (0%)

Black (25%)



Cyan (75%)

Magenta (62%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4162BF 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 4162BF by changing the saturation by 10% instead.



■ 4162BF

■ 4162BF

FFFFFF

■ 1B4BA3

■ 7D94F8

■ 003489

■ 9AAFFF

■ 00206F

■ B8CAFF

■ 000A56

■ D5E6FF

■ 00063E

■ F3FFFF

■ 000327

■ 000110

■ 000000

■ 4162BF

■ 4162BF

■ 2E54BF

■ 5470BF

■ 1B46BF

■ 677EBF

■ 0838BF

■ 7A8CBF

■ 0032BF

■ 8D9ABF

■ A1A8BF

■ B4B7BF

■ C7C5BF

■ DAD3BF

■ EDE1BF

# Harmonies

## Analogous

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



0071C2



4162BF



8E4CA4

# Triad

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



4162BF



A94B21



007B55

# Complementary

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



4162BF



BF9E41

# 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.



217726



4162BF



8A5F00

# Square

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



4162BF



B8384B



606E00



007C85

# Rectangle

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



4162BF



A93E89



606E00



007A45



# Sweetspot

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



4162BF



C6D3F7



41BF9D



5F677D



FCFCFC



7D7D7D



# Same Dimension

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



4162BF



3467F7



5E41BF



55575E



00299E



00081F



# Inverse Universe

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



BF4162



F73467



A2BF41



5E5557



9E0029



1F0008



# Previews

## White Background



This preview shows how the Hex color 4162BF looks on a white background.

## Color Contrast Check

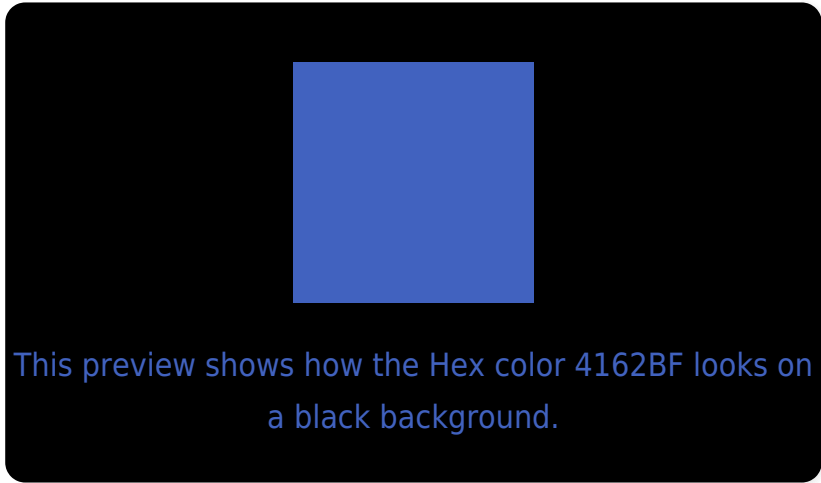
Large Text (above 18pt) WCAG AA ✓ Pass

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

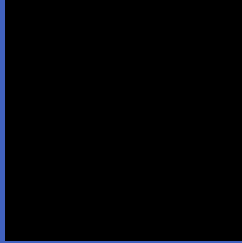
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4162BF Background



This preview shows how black text looks on a background with the Hex color 4162BF.



This preview shows how white text looks on a background with the Hex color 4162BF.

# 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](#).

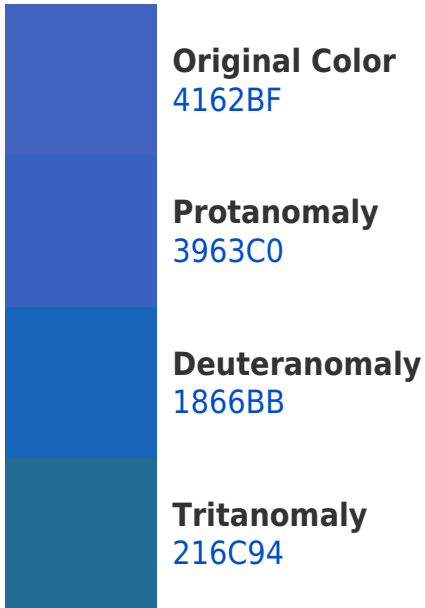
## Dichromacy





**Tritanopia**  
0E727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4162BF 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 #4162BF looks like.

```
.text, #text, p{  
    color:#4162BF  
}
```

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 #4162BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4162BF
}
```

## Border

The CSS property to change the border of an element to Hex 4162BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

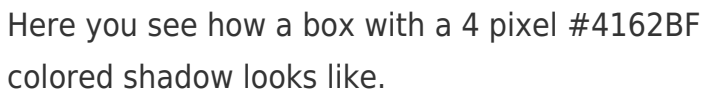
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4162BF }
```

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

```
.border{ border-color:#4162BF }
```

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



Here you see how a box with a 4 pixel #4162BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4162BF; -webkit-box-shadow:4px 4px  
4px 4px #4162BF; box-shadow:4px 4px 4px  
4px #4162BF }
```

# Background

The CSS property to change the background color of an element to Hex 4162BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4162BF }
```

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

```
.background{ background-color:#4162BF }
```

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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