

# Converting Colors

Hex(4667D2)

Have a look what the booklet for  
Hex(4667D2) contains.

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# Color

Hex(4667D2)

# Conversions

## Conversions Part 1

Format	Color
Hex	4667D2
RGB	70, 103, 210
RGB Percent	27%, 40%, 82%
CMY	0.7255, 0.5961, 0.1765
CMYK	0.67, 0.51, 0.00, 0.18
HSL	226°, 61%, 55%
HSV	226°, 67%, 82%
XYZ	19.0089, 15.6557, 62.9927
YIQ	105.3310, -54.0150, 26.2810

# Conversions

## Conversions Part 2

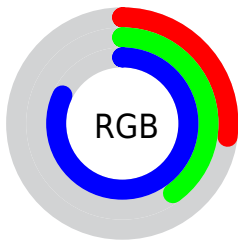
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 97, 210
Decimal	4614098
CIELab	46.52, 22.92, -58.86
CIElCh	47, 63.163, 291.275
Yxy	15.6557, 0.1946, 0.1603
Android (android.graphics.Color)	4282804178 (0xFF4667D2)
YUV	105.3310, 51.6018, -30.9853
Hunter-Lab	39.5673, 16.5120, -66.6949

# Details

The Hex color **4667D2** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **D2B146**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **849AFF**, and **00399B** is the 20% darker color. If you saturate the color by 10%, you get **3157D2**, and if you desaturate by 10%, it is **5B77D2**.

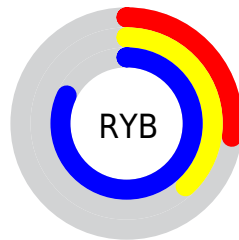
# Distribution



Red (27%)

Green (40%)

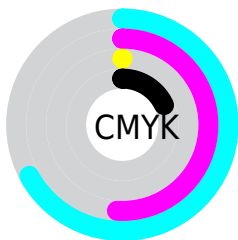
Blue (82%)



Red (27%)

Yellow (38%)

Blue (82%)

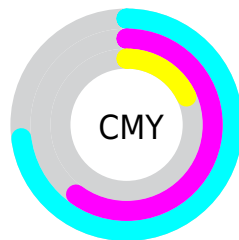


Cyan (67%)

Magenta (51%)

Yellow (0%)

Black (18%)



Cyan (73%)

Magenta (60%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4667D2 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 4667D2 by changing the saturation by 10% instead.



■ 4667D2

■ 4667D2

FFFFFF

■ 1E4FB6

■ 849AFF

■ 00399B

■ A2B4FF

■ 002480

■ C0D0FF

■ 001266

■ DEECFF

■ 00044D

■ FCFFFF

■ 000536

■ 00021F

■ 000003

■ 000000

■ 4667D2

■ 4667D2

■ 3157D2

■ 5B77D2

■ 1C47D2

■ 7087D2

■ 0737D2

■ 8597D2

■ 0032D2

■ 9AA7D2

■ AFB7D2

■ C4C7D2

■ D9D7D2

■ EEE7D2

■ FFF7D2

# Harmonies

## Analogous

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



0079D8



4667D2



9E4CB1

# Triad

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



4667D2



B74F18



00855C

# Complementary

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



4667D2



D2B146

# 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.



038025



4667D2



926600

# Square

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



4667D2



CA364B



617700



008693

# Rectangle

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



4667D2



BB3A92



617700



00844A



# Sweetspot

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



4667D2



CCD8FF



46D2AF



616880



000000



808080



# Same Dimension

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



4667D2



3363FF



6946D2



5E6169



0028A8



000A29



# Inverse Universe

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



D24667



FF3363



AFD246



695E61



A80028

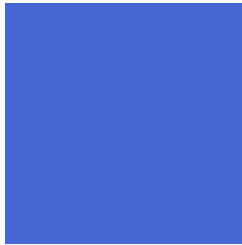


29000A



# Previews

## White Background



This preview shows how the Hex color 4667D2 looks on a white background.

## Color Contrast Check

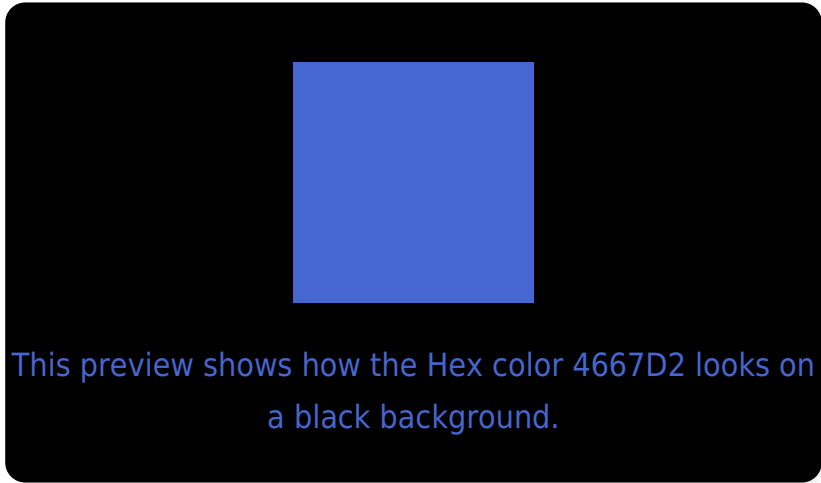
Large Text (above 18pt) WCAG AA ✓ Pass

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

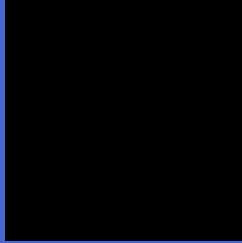
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4667D2 Background



This preview shows how black text looks on a background with the Hex color 4667D2.

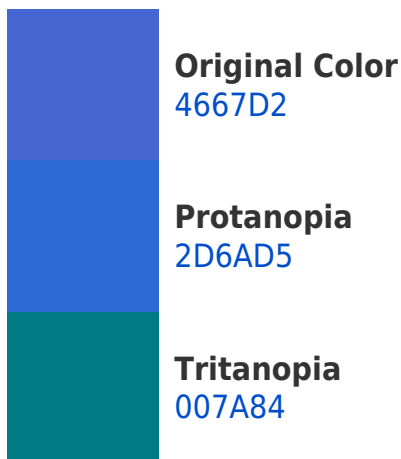


This preview shows how white text looks on a background with the Hex color 4667D2.

# 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



# Trichromacy



**Original Color**  
4667D2

**Protanomaly**  
3669D4

**Tritanomaly**  
1973A0

# Monochromacy



**Original Color**  
4667D2

**Achromatopsia**  
696969

**Achromatomaly**  
5C688F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4667D2 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 #4667D2 looks like.

```
.text, #text, p{  
    color:#4667D2  
}
```

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 #4667D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4667D2
}
```

## Border

The CSS property to change the border of an element to Hex 4667D2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

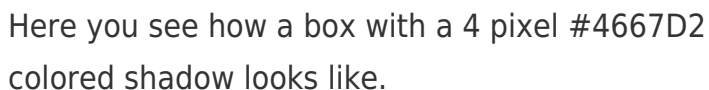
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4667D2 }
```

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

```
.border{ border-color:#4667D2 }
```

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



Here you see how a box with a 4 pixel #4667D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4667D2; -webkit-box-shadow:4px 4px  
4px 4px #4667D2; box-shadow:4px 4px 4px  
4px #4667D2 }
```

# Background

The CSS property to change the background color of an element to Hex 4667D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4667D2 }
```

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

```
.background{ background-color:#4667D2 }
```

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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