

# Converting Colors

Hex(416BC0)

Have a look what the booklet for  
Hex(416BC0) contains.

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# Color

**Hex(416BC0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	416BC0
RGB	65, 107, 192
RGB Percent	25%, 42%, 75%
CMY	0.7451, 0.5804, 0.2471
CMYK	0.66, 0.44, 0.00, 0.25
HSL	220°, 50%, 50%
HSV	220°, 66%, 75%
XYZ	16.9521, 15.4450, 51.9569
YIQ	104.1320, -52.3170, 17.5310

# Conversions

## Conversions Part 2

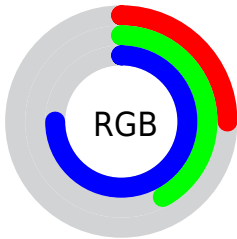
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 97, 192
Decimal	4287424
CIELab	46.24, 13.18, -48.98
CIELCh	46, 50.724, 285.063
Yxy	15.4450, 0.2010, 0.1831
Android (android.graphics.Color)	4282477504 (0xFF416BC0)
YUV	104.1320, 43.3189, -34.3188
Hunter-Lab	39.3001, 8.2208, -50.8745

# Details

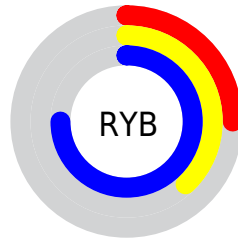
The Hex color **416BC0** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **C09641**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **7D9EF9**, and **003D8A** is the 20% darker color. If you saturate the color by 10%, you get **2E5EC0**, and if you desaturate by 10%, it is **5478C0**.

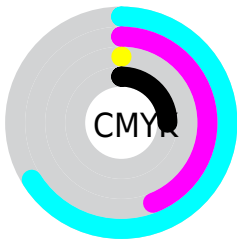
# Distribution



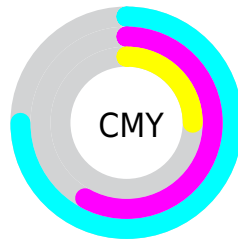
- Red (25%)
- Green (42%)
- Blue (75%)



- Red (25%)
- Yellow (38%)
- Blue (75%)



- Cyan (66%)
- Magenta (44%)
- Yellow (0%)
- Black (25%)



- Cyan (75%)
- Magenta (58%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 416BC0 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 416BC0 by changing the saturation by 10% instead.



■ 416BC0

■ 416BC0

FFFFFF

■ 1B53A5

■ 7D9EF9

■ 003D8A

■ 9AB9FF

■ 002870

■ B7D4FF

■ 001457

■ D5F0FF

■ 00063F

■ F3FFFF

■ 000328

■ 000112

■ 000000

■ 416BC0

■ 416BC0

■ 2E5EC0

■ 5478C0

■ 1B51C0

■ 6785C0

■ 0744C0

■ 7B92C0

■ 003FC0

■ 8E9EC0

■ A1ABC0

■ B4B8C0

■ C7C5C0

■ DBD2C0

■ EEDFC0

# Harmonies

## Analogous

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



0078C0



416BC0



8B59AA

# Triad

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



416BC0



AF5233



008056

# Complementary

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



416BC0



C09641

# 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.



3D7B2D



416BC0



946413

# Square

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



416BC0



BA455A



6F720D



008282

# Rectangle

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



416BC0



A64C92



6F720D



007F48



# Sweetspot

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



416BC0



C8D8FA



41C096



5F697D



FCFCFC



7D7D7D



# Same Dimension

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



416BC0



3476FA



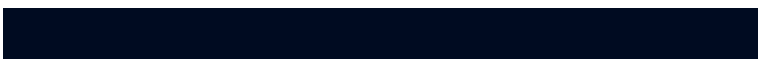
5641C0



575A61



0035A1



000B21



# Inverse Universe

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



C0416B



FA3476



ABC041



61575A



A10035



21000B



# Previews

## White Background



This preview shows how the Hex color 416BC0 looks on a white background.

## Color Contrast Check

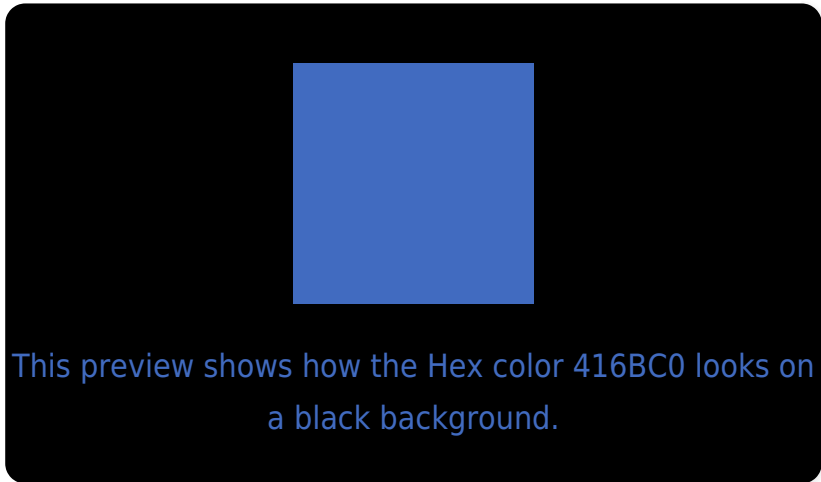
Large Text (above 18pt) WCAG AA ✓ Pass

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

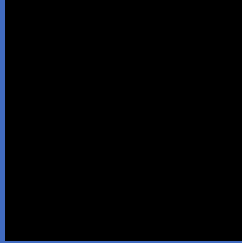
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 416BC0 Background



This preview shows how black text looks on a background with the Hex color 416BC0.

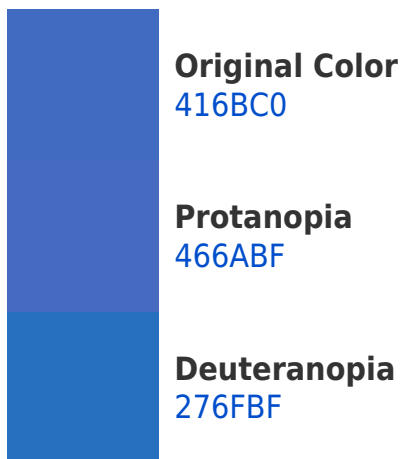


This preview shows how white text looks on a background with the Hex color 416BC0.

# 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](#).

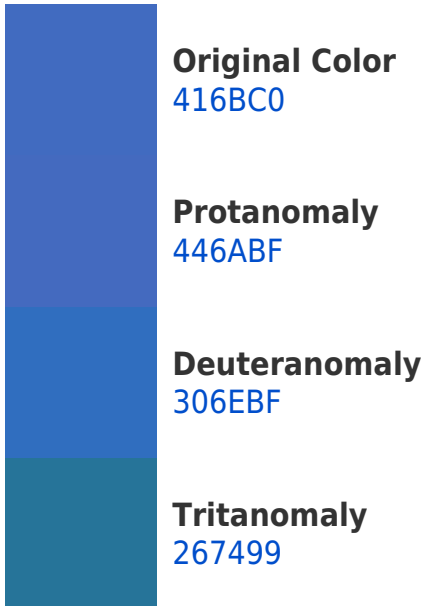
## Dichromacy





**Tritanopia**  
167983

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 416BC0 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 #416BC0 looks like.

```
.text, #text, p{  
    color:#416BC0  
}
```

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 #416BC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416BC0
}
```

## Border

The CSS property to change the border of an element to Hex 416BC0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

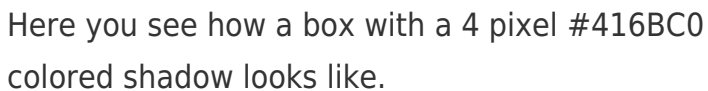
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#416BC0 }
```

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

```
.border{ border-color:#416BC0 }
```

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



Here you see how a box with a 4 pixel #416BC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416BC0; -webkit-box-shadow:4px 4px  
4px 4px #416BC0; box-shadow:4px 4px 4px  
4px #416BC0 }
```

# Background

The CSS property to change the background color of an element to Hex 416BC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416BC0 }
```

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

```
.background{ background-color:#416BC0 }
```

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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