

# Converting Colors

Hex(406AD9)

Have a look what the booklet for  
Hex(406AD9) contains.

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# Color

**Hex(406AD9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	406AD9
RGB	64, 106, 217
RGB Percent	25%, 42%, 85%
CMY	0.7490, 0.5843, 0.1490
CMYK	0.71, 0.51, 0.00, 0.15
HSL	224°, 67%, 55%
HSV	224°, 71%, 85%
XYZ	19.7928, 16.4078, 67.7695
YIQ	106.0960, -60.6630, 25.6170

# Conversions

## Conversions Part 2

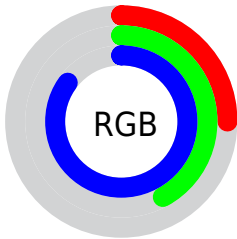
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	64, 97, 217
Decimal	4221657
CIE <sub>Lab</sub>	47.51, 22.64, -61.27
CIE <sub>LCh</sub>	48, 65.317, 290.277
Yxy	16.4078, 0.1904, 0.1578
Android (android.graphics.Color)	4282411737 (0xFF406AD9)
YUV	106.0960, 54.6757, -36.9182
Hunter-Lab	40.5066, 16.3342, -70.8405

# Details

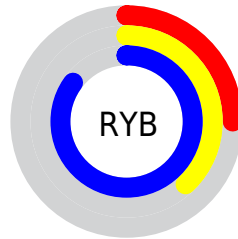
The Hex color **406AD9** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **D9AF40**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **819DFF**, and **003CA1** is the 20% darker color. If you saturate the color by 10%, you get **2A5AD9**, and if you desaturate by 10%, it is **567AD9**.

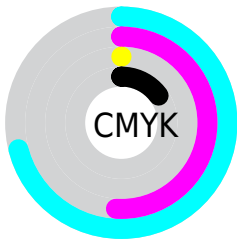
# Distribution



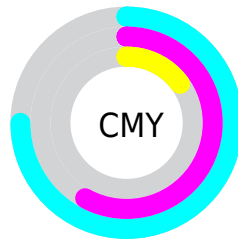
- Red (25%)
- Green (42%)
- Blue (85%)



- Red (25%)
- Yellow (38%)
- Blue (85%)



- Cyan (71%)
- Magenta (51%)
- Yellow (0%)
- Black (15%)



- Cyan (75%)
- Magenta (58%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 406AD9 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 406AD9 by changing the saturation by 10% instead.



■ 406AD9

■ 406AD9

FFFFFF

■ 0D52BD

■ 819DFF

■ 003CA1

■ 9FB7FF

■ 002786

■ BDD3FF

■ 00156C

■ DCEFFF

■ 000253

■ FAFFFF

■ 00063B

■ 000224

■ 00010D

■ 000000

■ 406AD9

■ 406AD9

■ 2A5AD9

■ 567AD9

■ 154BD9

■ 6B89D9

■ 003CD9

■ 8199D9

■ 97A9D9

■ ADB9D9

■ C2C8D9

■ D8D8D9

■ EEE8D9

■ FFF8D9

# Harmonies

## Analogous

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



007DDE



406AD9



A04EB8

# Triad

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



406AD9



BD4F19



00885C

# Complementary

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



406AD9



D9AF40

# 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.



068322



406AD9



976800

# Square

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



406AD9



D0344E



657900



008995

# Rectangle

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



406AD9



BF3B97



657900



008749



# Sweetspot

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



406AD9



C9D8FF



40D9AE



606880



000000



808080



# Same Dimension

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



406AD9



2662FF



6140D9



63666E



0030AD



000D2E



# Inverse Universe

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



D9406A



FF2662



B8D940



6E6366



AD0030



2E000D



# Previews

## White Background



This preview shows how the Hex color 406AD9 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



This preview shows how the Hex color 406AD9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

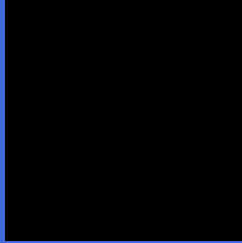
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 406AD9 Background



This preview shows how black text looks on a background with the Hex color 406AD9.

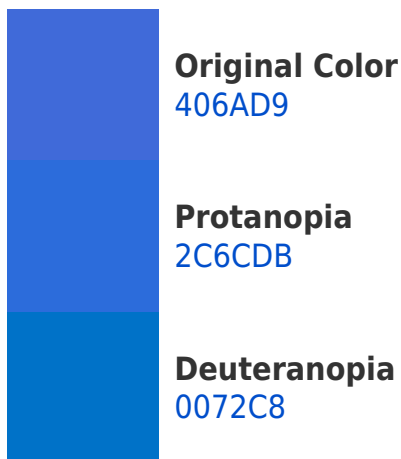


This preview shows how white text looks on a background with the Hex color 406AD9.

# 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](#).

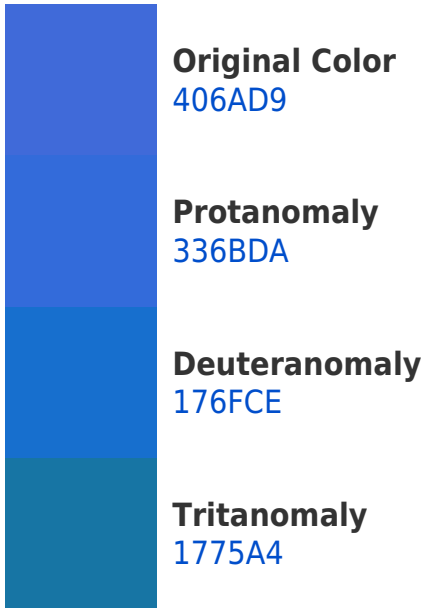
## Dichromacy





**Tritanopia**  
007C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 406AD9 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 #406AD9 looks like.

```
.text, #text, p{  
    color:#406AD9  
}
```

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 #406AD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #406AD9
}
```

## Border

The CSS property to change the border of an element to Hex 406AD9 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
#406AD9 }
```

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

```
.border{ border-color:#406AD9 }
```

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

Here you see how a box with a 4 pixel #406AD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #406AD9; -webkit-box-shadow:4px 4px  
4px 4px #406AD9; box-shadow:4px 4px 4px  
4px #406AD9 }
```

# Background

The CSS property to change the background color of an element to Hex 406AD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#406AD9 }
```

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

```
.background{ background-color:#406AD9 }
```

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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