

# Converting Colors

Hex(4356B2)

Have a look what the booklet for  
Hex(4356B2) contains.

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# Color

Hex(4356B2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4356B2
RGB	67, 86, 178
RGB Percent	26%, 34%, 70%
CMY	0.7373, 0.6627, 0.3020
CMYK	0.62, 0.52, 0.00, 0.30
HSL	230°, 45%, 48%
HSV	230°, 62%, 70%
XYZ	13.6784, 11.0632, 43.5340
YIQ	90.8070, -40.8560, 24.5840

# Conversions

## Conversions Part 2

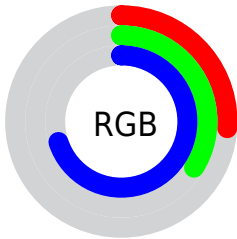
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	67, 83, 178
Decimal	4413106
CIE <sub>Lab</sub>	39.69, 21.99, -51.33
CIE <sub>LCh</sub>	40, 55.841, 293.193
Yxy	11.0632, 0.2003, 0.1620
Android (android.graphics.Color)	4282603186 (0xFF4356B2)
YUV	90.8070, 42.9861, -20.8787
Hunter-Lab	33.2614, 15.1988, -54.3183

# Details

The Hex color **4356B2** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B29F43**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **7D87EA**, and **002A7C** is the 20% darker color. If you saturate the color by 10%, you get **3147B2**, and if you desaturate by 10%, it is **5565B2**.

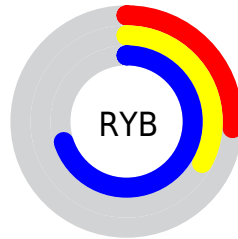
# Distribution



Red (26%)

Green (34%)

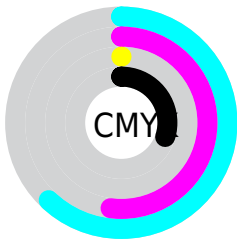
Blue (70%)



Red (26%)

Yellow (33%)

Blue (70%)

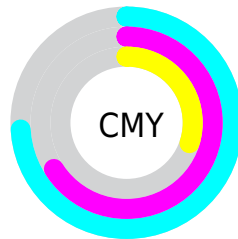


Cyan (62%)

Magenta (52%)

Yellow (0%)

Black (30%)



Cyan (74%)

Magenta (66%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4356B2 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 4356B2 by changing the saturation by 10% instead.



■ 4356B2

■ 4356B2

FFFFFF

■ 213F97

■ 7D87EA

■ 002A7C

■ 9AA2FF

■ 001663

■ B7BDFF

■ 00004B

■ D4D8FF

■ 000433

■ F1F5FF

■ 00021D

■ 000000

■ 4356B2

■ 4356B2

■ 3147B2

■ 5565B2

■ 1F38B2

■ 6774B2

■ 0E2AB2

■ 7882B2

■ 001EB2

■ 8A91B2

■ 9CA0B2

■ AEAFB2

■ C0BDB2

■ D1CCB2

■ E3DBB2

# Harmonies

## Analogous

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



0066B9



4356B2



893F95

# Triad

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



4356B2



9A4411



007151

# Complementary

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



4356B2



B29F43

# 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.



006D22



4356B2



7A5800

# Square

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



4356B2



AC2E3D



506600



007280

# Rectangle

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



4356B2



A13079



506600



007041



# Sweetspot

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



4356B2



BCC4E8



43B29E



5A5F75



F5F5F5



757575



# Same Dimension

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



4356B2



3A58E8



6643B2



505259



001A99



00041A



# Inverse Universe

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



B24356



E83A58



8FB243



595052



99001A

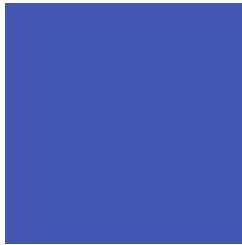


1A0004



# Previews

## White Background



This preview shows how the Hex color 4356B2 looks on a white background.

## Color Contrast Check

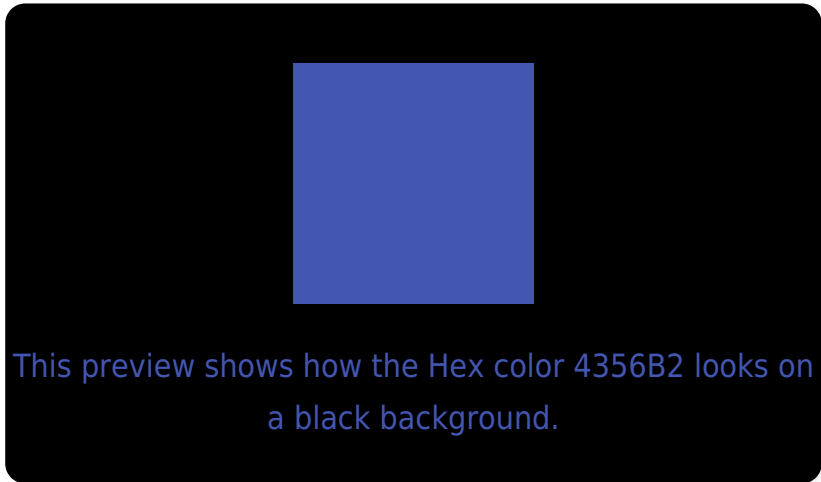
Large Text (above 18pt) WCAG AA ✓ Pass

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

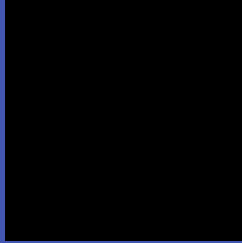
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4356B2 Background



This preview shows how black text looks on a background with the Hex color 4356B2.

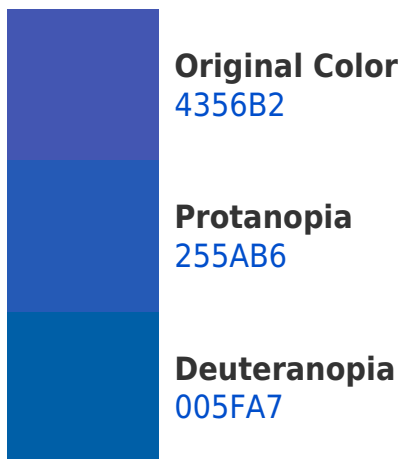


This preview shows how white text looks on a background with the Hex color 4356B2.

# 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](#).

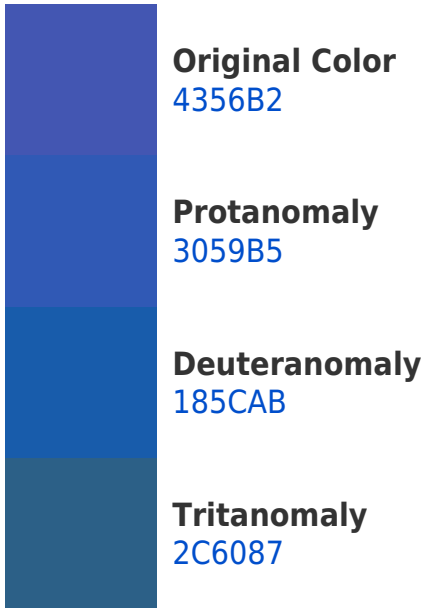
## Dichromacy





**Tritanopia**  
1F666F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4356B2 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 #4356B2 looks like.

```
.text, #text, p{  
    color:#4356B2  
}
```

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 #4356B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4356B2
}
```

## Border

The CSS property to change the border of an element to Hex 4356B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

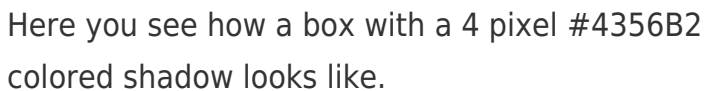
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4356B2 }
```

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

```
.border{ border-color:#4356B2 }
```

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



Here you see how a box with a 4 pixel #4356B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4356B2; -webkit-box-shadow:4px 4px  
4px 4px #4356B2; box-shadow:4px 4px 4px  
4px #4356B2 }
```

# Background

The CSS property to change the background color of an element to Hex 4356B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4356B2 }
```

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

```
.background{ background-color:#4356B2 }
```

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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