

# Converting Colors

Hex(396CB5)

Have a look what the booklet for  
Hex(396CB5) contains.

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# Color

**Hex(396CB5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	396CB5
RGB	57, 108, 181
RGB Percent	22%, 42%, 71%
CMY	0.7765, 0.5765, 0.2902
CMYK	0.69, 0.40, 0.00, 0.29
HSL	215°, 52%, 47%
HSV	215°, 69%, 71%
XYZ	15.3904, 14.9312, 45.7869
YIQ	101.0730, -53.8290, 11.8910

# Conversions

## Conversions Part 2

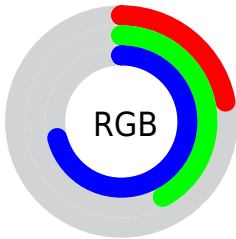
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	57, 93, 181
Decimal	3763381
CIE Lab	45.54, 7.27, -43.74
CIE LCh	46, 44.335, 279.435
Yxy	14.9312, 0.2022, 0.1962
Android (android.graphics.Color)	4281953461 (0xFF396CB5)
YUV	101.0730, 39.4040, -38.6520
Hunter-Lab	38.6409, 3.4738, -43.2061

# Details

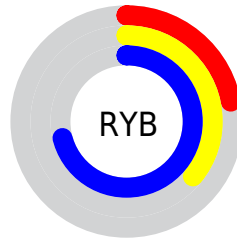
The Hex color **396CB5** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B58239**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **759FED**, and **003D80** is the 20% darker color. If you saturate the color by 10%, you get **2761B5**, and if you desaturate by 10%, it is **4B77B5**.

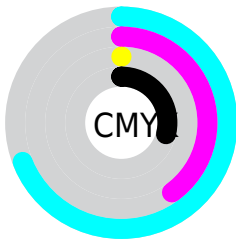
# Distribution



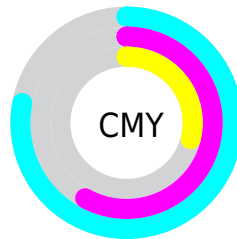
- Red (22%)
- Green (42%)
- Blue (71%)



- Red (22%)
- Yellow (36%)
- Blue (71%)



- Cyan (69%)
- Magenta (40%)
- Yellow (0%)
- Black (29%)



- Cyan (78%)
- Magenta (58%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 396CB5 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 396CB5 by changing the saturation by 10% instead.



■ 396CB5

■ 396CB5

FFFFFF

■ 0E549A

■ 759FED

■ 003D80

■ 92BAFF

■ 002866

■ AFD5FF

■ 00144E

■ CCF2FF

■ 000536

■ EAFFFF

■ 000220

■ 000004

■ 000000

■ 396CB5

■ 396CB5

■ 2761B5

■ 4B77B5

■ 1557B5

■ 5D81B5

■ 034CB5

■ 6F8CB5

■ 004AB5

■ 8197B5

■ 94A1B5

■ A6ACB5

■ B8B7B5

■ CAC1B5

■ DCCCB5

# Harmonies

## Analogous

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



0077B1



396CB5



7D5DA5

# Triad

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



396CB5



AA523F



007C50

# Complementary

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



396CB5



B58239

# 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.



4D772F



396CB5



946124

# Square

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



396CB5



B04A62



756E1C



007E77

# Rectangle

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



396CB5



985392



756E1C



267B44



# Sweetspot

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



396CB5



B9CEEB



39B581



586475



F5F5F5



757575



# Same Dimension

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



396CB5



2A79EB



4339B5



505459



003F99



000A1A



# Inverse Universe

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



B5396C



EB2A79



ABB539



595054



99003F

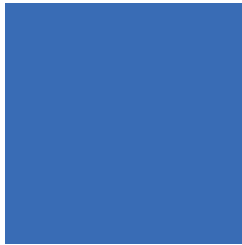


1A000A



# Previews

## White Background



This preview shows how the Hex color 396CB5 looks on a white background.

## Color Contrast Check

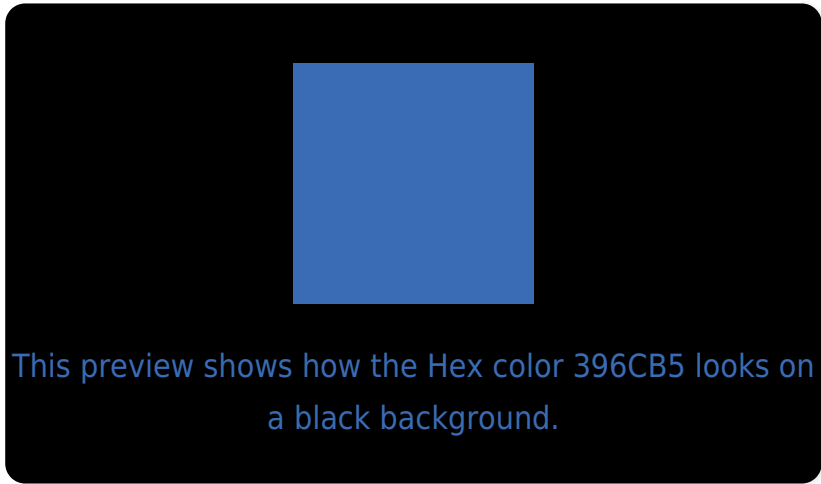
Large Text (above 18pt) WCAG AA ✓ Pass

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

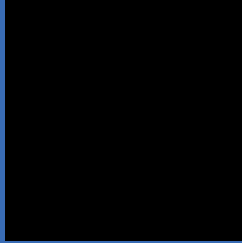
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

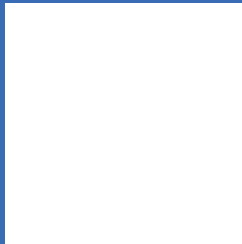
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 396CB5 Background



This preview shows how black text looks on a background with the Hex color 396CB5.

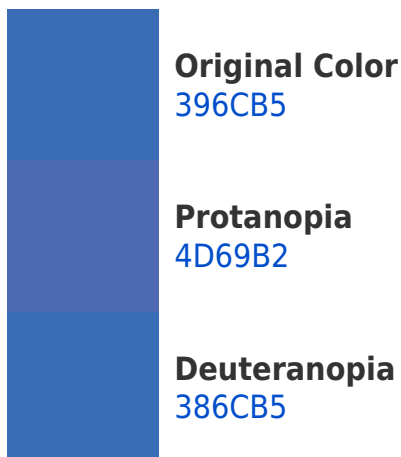


This preview shows how white text looks on a background with the Hex color 396CB5.

# 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](#).

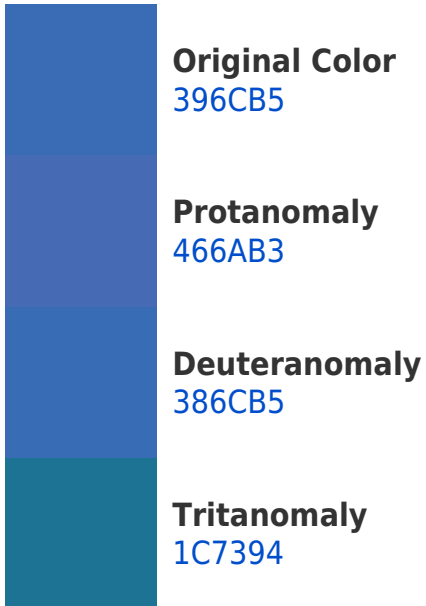
## Dichromacy



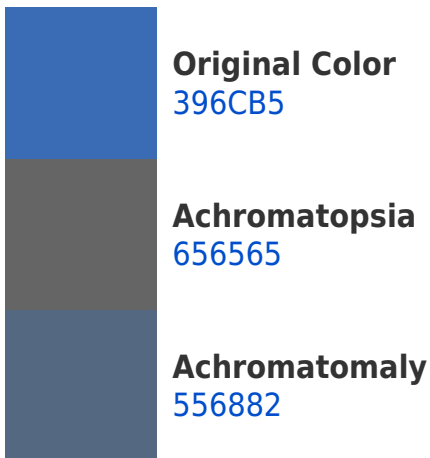


**Tritanopia**  
0B7781

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 396CB5 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 #396CB5 looks like.

```
.text, #text, p{  
    color:#396CB5  
}
```

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 #396CB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #396CB5
}
```

## Border

The CSS property to change the border of an element to Hex 396CB5 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
#396CB5 }
```

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

```
.border{ border-color:#396CB5 }
```

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

Here you see how a box with a 4 pixel #396CB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #396CB5; -webkit-box-shadow:4px 4px  
4px 4px #396CB5; box-shadow:4px 4px 4px  
4px #396CB5 }
```

# Background

The CSS property to change the background color of an element to Hex 396CB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#396CB5 }
```

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

```
.background{ background-color:#396CB5 }
```

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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