

# Converting Colors

Hex(5C5396)

Have a look what the booklet for  
Hex(5C5396) contains.

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# Color

Hex(5C5396)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C5396
RGB	92, 83, 150
RGB Percent	36%, 33%, 59%
CMY	0.6392, 0.6745, 0.4118
CMYK	0.39, 0.45, 0.00, 0.41
HSL	248°, 29%, 46%
HSV	248°, 45%, 59%
XYZ	13.0119, 10.6638, 30.2267
YIQ	93.3290, -16.1430, 22.7450

# Conversions

## Conversions Part 2

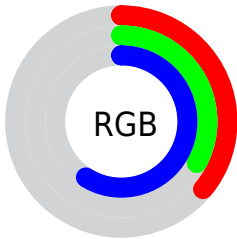
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 83, 150
Decimal	6050710
CIE <sub>Lab</sub>	39.01, 20.59, -35.63
CIE <sub>LCh</sub>	39, 41.148, 300.024
Yxy	10.6638, 0.2414, 0.1978
Android (android.graphics.Color)	4284240790 (0xFF5C5396)
YUV	93.3290, 27.9388, -1.1655
Hunter-Lab	32.6555, 13.9779, -32.0213

# Details

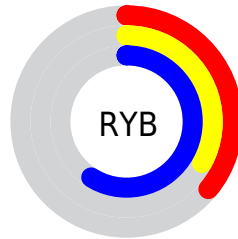
The Hex color **5C5396** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8D9653**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **9185CD**, and **292663** is the 20% darker color. If you saturate the color by 10%, you get **4F4496**, and if you desaturate by 10%, it is **696296**.

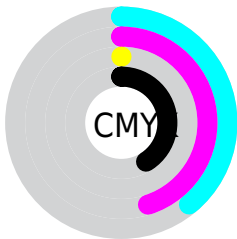
# Distribution



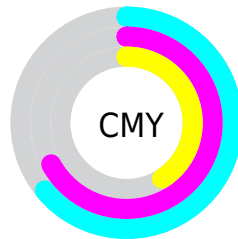
- Red (36%)
- Green (33%)
- Blue (59%)



- Red (36%)
- Yellow (33%)
- Blue (59%)



- Cyan (39%)
- Magenta (45%)
- Yellow (0%)
- Black (41%)



- Cyan (64%)
- Magenta (67%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C5396 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 5C5396 by changing the saturation by 10% instead.



■ 5C5396

■ 5C5396

FFFFFF

■ 423C7C

■ 9185CD

■ 292663

■ AC9FE9

■ 0C124A

■ C8BAFF

■ 000033

■ E5D5FF

■ 00021D

■ FFF2FF

■ 000000

■ 5C5396

■ 5C5396

■ 4F4496

■ 696296

■ 423596

■ 767196

■ 352696

■ 838096

■ 281796

■ 908F96

■ 1B0896

■ 9D9E96

■ 140096

■ AAAD96

■ B7BC96

■ C4CB96

■ D1DA96

# Harmonies

## Analogous

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



00609F



5C5396



84457E

# Triad

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



5C5396



874D21



006C5B

# Complementary

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



5C5396



8D9653

# 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.



196939



5C5396



6D5A12

# Square

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



5C5396



97413C



4C641D



006B7C

# Rectangle

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



5C5396



933E69



4C641D



006B4F



# Sweetspot

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



5C5396



ACA9C2



538D96



535161



E0E0E0



616161



# Same Dimension

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



5C5396



6759C2



7D5396



44434A



12008A



01000A



# Inverse Universe

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



96538D



C259B4



6C9653



4A4349



8A0077



0A0009



# Previews

## White Background



This preview shows how the Hex color 5C5396 looks on a white background.

## Color Contrast Check

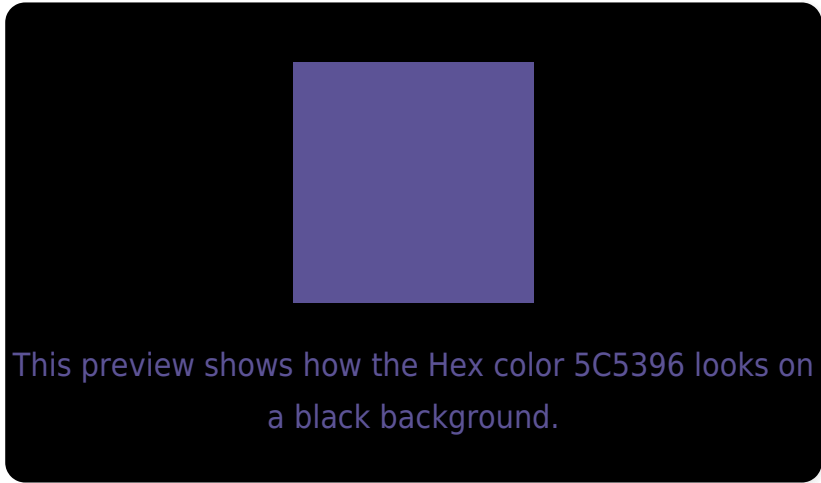
Large Text (above 18pt) WCAG AA ✓ Pass

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

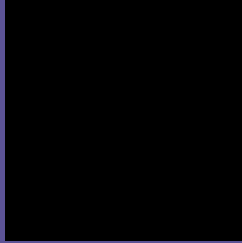
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C5396 Background



This preview shows how black text looks on a background with the Hex color 5C5396.

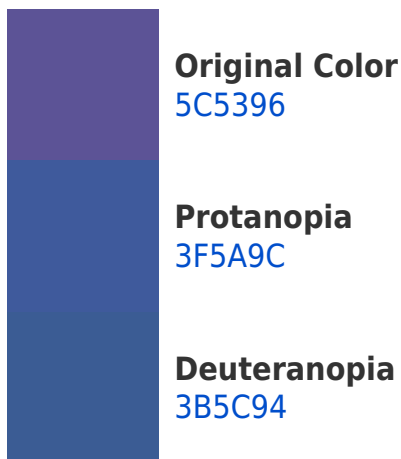


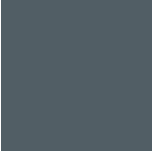
This preview shows how white text looks on a background with the Hex color 5C5396.

# 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**  
515E65

# Trichromacy



**Original Color**  
5C5396

**Protanomaly**  
4A579A

**Deuteranomaly**  
475995

**Tritanomaly**  
555A77

# Monochromacy



**Original Color**  
5C5396

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
5D5972

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C5396 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 #5C5396 looks like.

```
.text, #text, p{  
    color:#5C5396  
}
```

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 #5C5396 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C5396
}
```

## Border

The CSS property to change the border of an element to Hex 5C5396 is called "border". The border property can be set on classes, ids or directly on the HTML element.

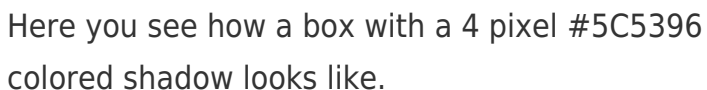
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C5396 }
```

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

```
.border{ border-color:#5C5396 }
```

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



Here you see how a box with a 4 pixel #5C5396 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C5396; -webkit-box-shadow:4px 4px  
4px 4px #5C5396; box-shadow:4px 4px 4px  
4px #5C5396 }
```

# Background

The CSS property to change the background color of an element to Hex 5C5396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C5396 }
```

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

```
.background{ background-color:#5C5396 }
```

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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