

# Converting Colors

Hex(5602CC)

Have a look what the booklet for  
Hex(5602CC) contains.

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**Color**

**Hex(5602CC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5602CC
RGB	86, 2, 204
RGB Percent	34%, 1%, 80%
CMY	0.6627, 0.9922, 0.2000
CMYK	0.58, 0.99, 0.00, 0.20
HSL	265°, 98%, 40%
HSV	265°, 99%, 80%
XYZ	14.7585, 6.3815, 57.5806
YIQ	50.1440, -14.7780, 80.6300

# Conversions

## Conversions Part 2

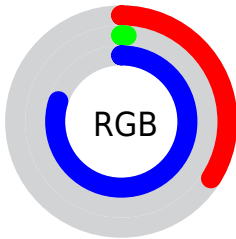
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 2, 204
Decimal	5636812
CIELab	30.36, 68.94, -81.81
CIELCh	30, 106.983, 310.118
Yxy	6.3815, 0.1875, 0.0811
Android (android.graphics.Color)	4283826892 (0xFF5602CC)
YUV	50.1440, 75.8510, 31.4457
Hunter-Lab	25.2616, 60.0770, -117.4610

# Details

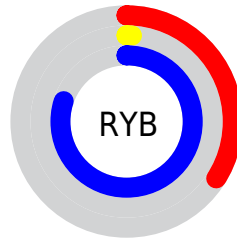
The Hex color **5602CC** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **78CC02**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **9548FF**, and **000094** is the 20% darker color. If you saturate the color by 10%, you get **5500CC**, and if you desaturate by 10%, it is **6216CC**.

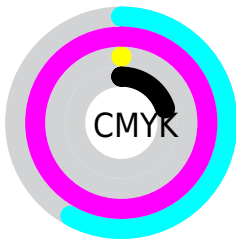
# Distribution



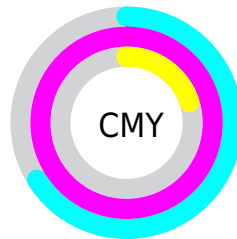
- Red (34%)
- Green (1%)
- Blue (80%)



- Red (34%)
- Yellow (1%)
- Blue (80%)



- Cyan (58%)
- Magenta (99%)
- Yellow (0%)
- Black (20%)



- Cyan (66%)
- Magenta (99%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5602CC 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 5602CC by changing the saturation by 10% instead.



 5602CC

 5602CC

FFFFFF

 3100B0


 9548FF

 000094

 B463FF

 000079

 D37FFF

 00005F

 F19AFF

 000846

 FFB6FF

 00042F

 FFD3FF

 000119

 FFF0FF

 000000

 5602CC

 5602CC

■ 5500CC

■ 6216CC

■ 6E2BCC

■ 7A3FCC

■ 8654CC

■ 9268CC

■ 9E7CCC

■ A991CC

■ B5A5CC

■ C1BACC

# Harmonies

## Analogous

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



004FF4



5602CC



B50082

# Triad

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



5602CC



832900



006163

# Complementary

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



5602CC



78CC02

# 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.



005E00



5602CC



3E4E00

# Square

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



5602CC



B30000



005A00



0064B5

# Rectangle

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



5602CC



C8004C



005A00



006046



# Sweetspot

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



5602CC



D2B3FF



027BCC



655280



000000



808080



# Same Dimension

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



5602CC



6A00FF



B802CC



605C66



4500A6



100026



# Inverse Universe

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



CC0278



FF0095



16CC02



665C62



A60061

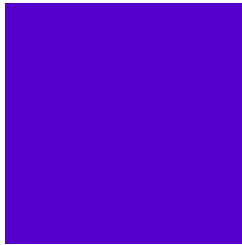


260016



# Previews

## White Background



This preview shows how the Hex color 5602CC looks on a white background.

## Color Contrast Check

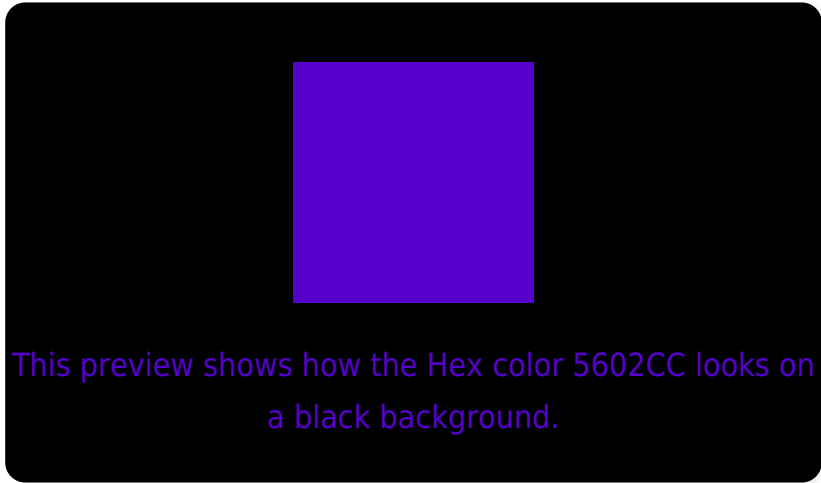
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

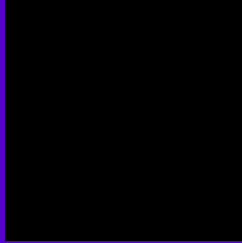
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5602CC Background



This preview shows how black text looks on a background with the Hex color 5602CC.



This preview shows how white text looks on a background with the Hex color 5602CC.

# 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](#).

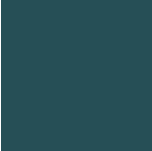
## Dichromacy



**Original Color**  
5602CC

**Protanopia**  
004795

**Deuteranopia**  
004C7F



**Tritanopia**  
264F56

# Trichromacy



**Original Color**  
5602CC

**Protanomaly**  
1F2EA9

**Deuteranomaly**  
1F319B

**Tritanomaly**  
373381

# Monochromacy



**Original Color**  
5602CC

**Achromatopsia**  
323232

**Achromatomaly**  
3F216A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5602CC 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 #5602CC looks like.

```
.text, #text, p{  
    color:#5602CC  
}
```

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 #5602CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5602CC
}
```

## Border

The CSS property to change the border of an element to Hex 5602CC 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".

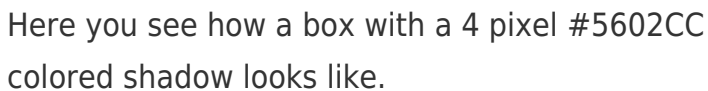
```
.border, #border, table{ border:4px solid
#5602CC }
```

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

```
.border{ border-color:#5602CC }
```

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

Here you see how a box with a 4 pixel #5602CC colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5602CC; -webkit-box-shadow:4px 4px  
4px 4px #5602CC; box-shadow:4px 4px 4px  
4px #5602CC }
```

# Background

The CSS property to change the background color of an element to Hex 5602CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5602CC }
```

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

```
.background{ background-color:#5602CC }
```

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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