

# Converting Colors

Hex(5000C5)

Have a look what the booklet for  
Hex(5000C5) contains.

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# Color

**Hex(5000C5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5000C5
RGB	80, 0, 197
RGB Percent	31%, 0%, 77%
CMY	0.6863, 1.0000, 0.2275
CMYK	0.59, 1.00, 0.00, 0.23
HSL	264°, 100%, 39%
HSV	264°, 100%, 77%
XYZ	13.3863, 5.7367, 53.2251
YIQ	46.3780, -15.5570, 78.2270

# Conversions

## Conversions Part 2

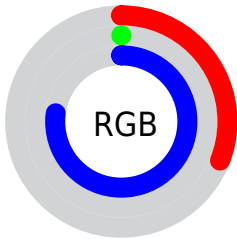
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 0, 197
Decimal	5243077
CIE <sub>Lab</sub>	28.74, 67.31, -80.41
CIE <sub>LCh</sub>	29, 104.864, 309.929
Yxy	5.7367, 0.1850, 0.0793
Android (android.graphics.Color)	4283433157 (0xFF5000C5)
YUV	46.3780, 74.2566, 29.4865
Hunter-Lab	23.9514, 57.8478, -114.9890

# Details

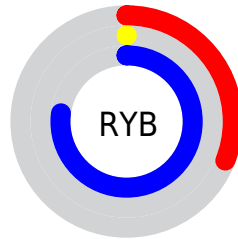
The Hex color **5000C5** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **75C500**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **8F45FF**, and **00008D** is the 20% darker color. If you saturate the color by 10%, you get **5000C5**, and if you desaturate by 10%, it is **5C14C5**.

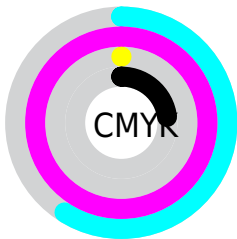
# Distribution



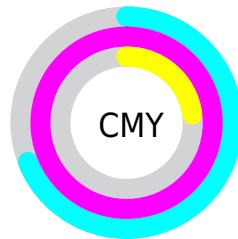
- Red (31%)
- Green (0%)
- Blue (77%)



- Red (31%)
- Yellow (0%)
- Blue (77%)



- Cyan (59%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)



- Cyan (69%)
- Magenta (100%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5000C5 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 5000C5 by changing the saturation by 10% instead.



 5000C5

 5000C5

FFFFFF

 2A00A9

 8F45FF

 00008D

 AE61FF

 000073

 CC7CFF

 000059

 EB97FF

 000741

 FFB3FF

 00032A

 FFD0FF

 000114

 FFEDFF

 000000

 5000C5

 5C14C5

 6727C5

 733BC5

 7F4FC5

 8B63C5

 9676C5

 A28AC5

 AE9EC5

 B9B1C5

# Harmonies

## Analogous

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



004CEC



5000C5



AE007E

# Triad

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



5000C5



7E2600



005C5E

# Complementary

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



5000C5



75C500

# 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.



005A00



5000C5



3B4A00

# Square

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



5000C5



AC0000



005600



005FAE

# Rectangle

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



5000C5



C10049



005600



005B42



# Sweetspot

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



5000C5



D2B3FF



0076C5



645280



000000



808080



# Same Dimension

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



5000C5



6800FF



B100C5



5E5A63



4200A3



0E0024



# Inverse Universe

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



C50075



FF0097



14C500



635A5F



A30061

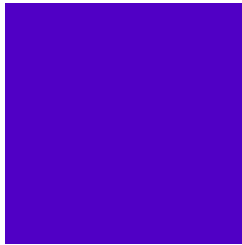


240015



# Previews

## White Background



This preview shows how the Hex color 5000C5 looks on a white background.

## Color Contrast Check

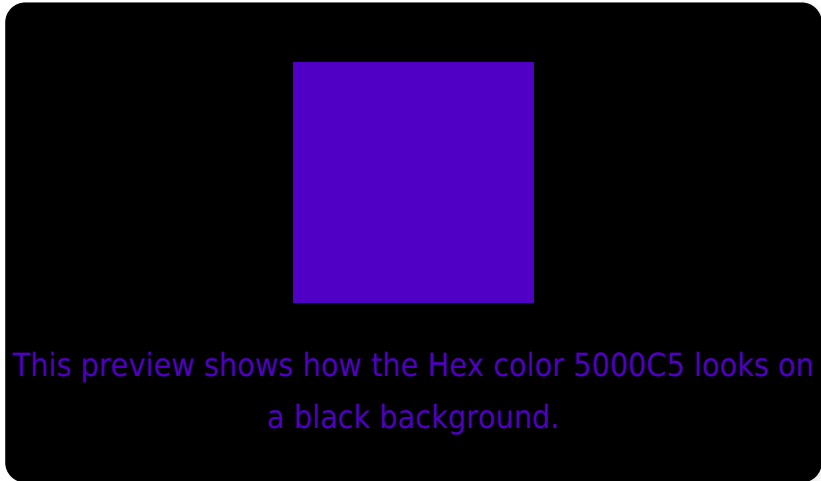
Large Text (above 18pt) WCAG AA ✓ Pass

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

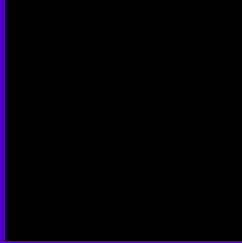
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5000C5 Background



This preview shows how black text looks on a background with the Hex color 5000C5.



This preview shows how white text looks on a background with the Hex color 5000C5.

# 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**  
1C4D53

# Trichromacy



**Original Color**  
5000C5

**Protanomaly**  
1D2BA2

**Deuteranomaly**  
1D2E95

**Tritanomaly**  
2F317C

# Monochromacy



**Original Color**  
5000C5

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
3A1D65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5000C5 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 #5000C5 looks like.

```
.text, #text, p{  
    color:#5000C5  
}
```

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 #5000C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5000C5
}
```

## Border

The CSS property to change the border of an element to Hex 5000C5 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
#5000C5 }
```

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

```
.border{ border-color:#5000C5 }
```

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

Here you see how a box with a 4 pixel #5000C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5000C5; -webkit-box-shadow:4px 4px  
4px 4px #5000C5; box-shadow:4px 4px 4px  
4px #5000C5 }
```

# Background

The CSS property to change the background color of an element to Hex 5000C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5000C5 }
```

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

```
.background{ background-color:#5000C5 }
```

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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