

Converting Colors

Hex(3900C5)

Have a look what the booklet for
Hex(3900C5) contains.

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Color

Hex(3900C5)

Conversions

Conversions Part 1

Format	Color
Hex	3900C5
RGB	57, 0, 197
RGB Percent	22%, 0%, 77%
CMY	0.7765, 1.0000, 0.2275
CMYK	0.71, 1.00, 0.00, 0.23
HSL	257°, 100%, 39%
HSV	257°, 100%, 77%
XYZ	11.7654, 4.9011, 53.1492
YIQ	39.5010, -29.2650, 73.3510

Conversions

Conversions Part 2

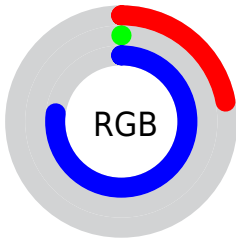
Format	Color
RYB	57, 0, 197
Decimal	3735749
CIELab	26.45, 66.21, -84.28
CIElCh	26, 107.178, 308.152
Yxy	4.9011, 0.1685, 0.0702
Android (android.graphics.Color)	4281925829 (0xFF3900C5)
YUV	39.5010, 77.6470, 15.3466
Hunter-Lab	22.1384, 56.1213, -126.8450

Details

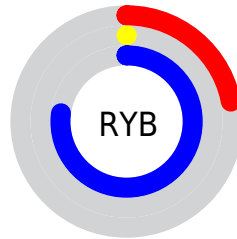
The Hex color **3900C5** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **8CC500**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **7E42FF**, and **00008D** is the 20% darker color. If you saturate the color by 10%, you get **3900C5**, and if you desaturate by 10%, it is **4714C5**.

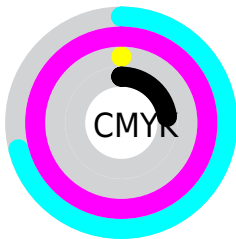
Distribution



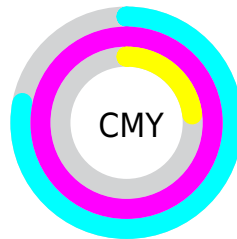
- Red (22%)
- Green (0%)
- Blue (77%)



- Red (22%)
- Yellow (0%)
- Blue (77%)



- Cyan (71%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)



- Cyan (78%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3900C5 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 3900C5 by changing the saturation by 10% instead.

 3900C5

 3900C5

FFFFFF

 0000A9

 7E42FF

 00008D

 9E5DFF

 000073

 BD78FF

 000759

 DC93FF

 000741

 FBAFFF

 00032A

 FFCBFF

 000114

 FFE8FF

 000000

 3900C5

 4714C5

 5527C5

 633BC5

 714FC5

 7F63C5

 8D76C5

 9B8AC5

 A99EC5

 B7B1C5

Harmonies

Analogous

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



0049EA



3900C5



A6007E

Triad

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



3900C5



7B1A00



005654

Complementary

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



3900C5



8CC500

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.



005400



3900C5



394400

Square

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



3900C5



A90000



005000



0059A6

Rectangle

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



3900C5



BB0048



005000



005638

Sweetspot

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



3900C5



C9B3FF



008DC5



5F5280



000000



808080

Same Dimension

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



3900C5



4A00FF



9A00C5



5C5A63



2F00A3



0A0024

Inverse Universe

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



C5008C



FF00B5



2BC500



635A61



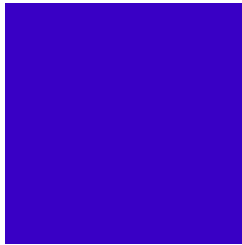
A30074



240019

Previews

White Background



This preview shows how the Hex color 3900C5 looks on a white background.

Color Contrast Check

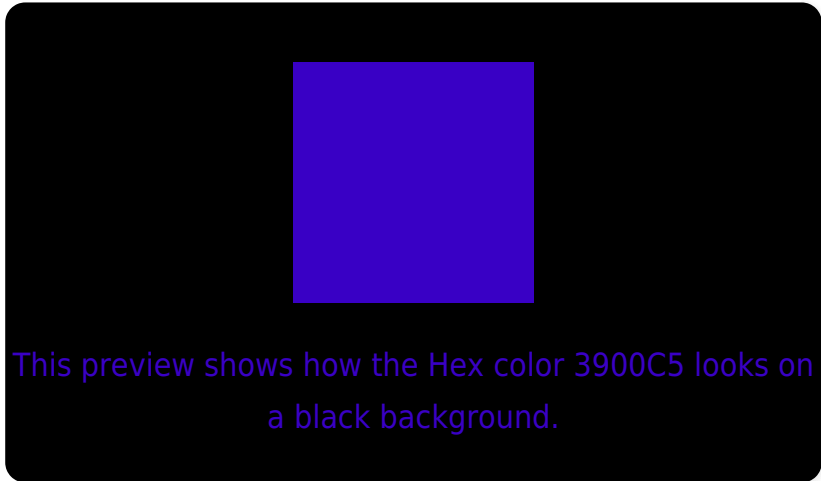
Large Text (above 18pt) WCAG AA ✓ Pass

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

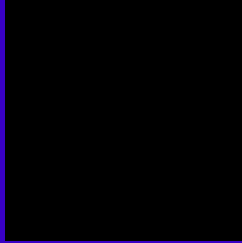
Any Text WCAG AA × Fail

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 3900C5 Background



This preview shows how black text looks on a background with the Hex color 3900C5.

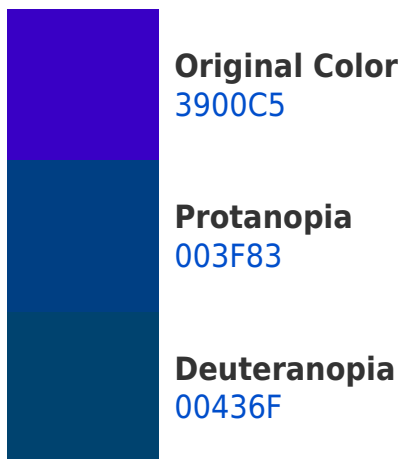



This preview shows how white text looks on a background with the Hex color 3900C5.

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
00484C

Trichromacy



Original Color
3900C5

Protanomaly
15289B

Deuteranomaly
152B8E

Tritanomaly
152E78

Monochromacy



Original Color
3900C5

Achromatopsia
282828

Achromatomaly
2E1961

CSS Examples

Text

The CSS property to change the color of the text to Hex 3900C5 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 #3900C5 looks like.

```
.text, #text, p{  
    color:#3900C5  
}
```

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 #3900C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3900C5
}
```

Border

The CSS property to change the border of an element to Hex 3900C5 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
#3900C5 }
```

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

```
.border{ border-color:#3900C5 }
```

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

Here you see how a box with a 4 pixel #3900C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3900C5; -webkit-box-shadow:4px 4px  
4px 4px #3900C5; box-shadow:4px 4px 4px  
4px #3900C5 }
```

Background

The CSS property to change the background color of an element to Hex 3900C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3900C5 }
```

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

```
.background{ background-color:#3900C5 }
```

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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