

Converting Colors

Hex(3500C9)

Have a look what the booklet for
Hex(3500C9) contains.

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Color

Hex(3500C9)

Conversions

Conversions Part 1

Format	Color
Hex	3500C9
RGB	53, 0, 201
RGB Percent	21%, 0%, 79%
CMY	0.7922, 1.0000, 0.2118
CMYK	0.74, 1.00, 0.00, 0.21
HSL	256°, 100%, 39%
HSV	256°, 100%, 79%
XYZ	12.0108, 4.9739, 55.5854
YIQ	38.7610, -32.9330, 73.7470

Conversions

Conversions Part 2

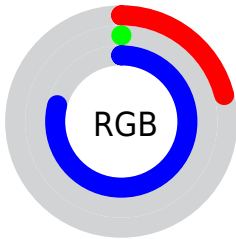
Format	Color
RYB	53, 0, 201
Decimal	3473609
CIELab	26.66, 67.03, -86.29
CIElCh	27, 109.265, 307.838
Yxy	4.9739, 0.1655, 0.0685
Android (android.graphics.Color)	4281663689 (0xFF3500C9)
YUV	38.7610, 79.9838, 12.4876
Hunter-Lab	22.3023, 57.1014, -132.1604

Details

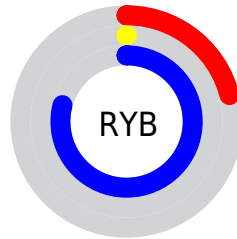
The Hex color **3500C9** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **94C900**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **7D42FF**, and **000091** is the 20% darker color. If you saturate the color by 10%, you get **3500C9**, and if you desaturate by 10%, it is **4414C9**.

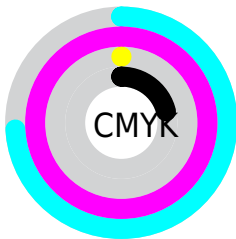
Distribution



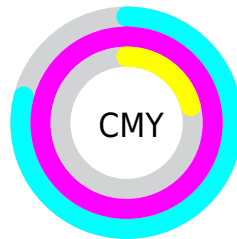
- Red (21%)
- Green (0%)
- Blue (79%)



- Red (21%)
- Yellow (0%)
- Blue (79%)



- Cyan (74%)
- Magenta (100%)
- Yellow (0%)
- Black (21%)



- Cyan (79%)
- Magenta (100%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3500C9 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 3500C9 by changing the saturation by 10% instead.

 3500C9

 3500C9

FFFFFF

 0000AD

 7D42FF

 000091

 9C5DFF

 000076

 BC78FF

 00075C

 DB93FF

 000744


 FAAFFF

 00032D

 FFCBFF

 000117

 FFE8FF

 000000

 3500C9

 4414C9

 5328C9

 613CC9

 7050C9

 7F65C9

 8E79C9

 9D8DC9

 ABA1C9

 BAB5C9

Harmonies

Analogous

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



004AEE



3500C9



A80080

Triad

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



3500C9



7D1800



005754

Complementary

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



3500C9



94C900

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.



005500



3500C9



3A4400

Square

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



3500C9



AB0000



005100



005AA8

Rectangle

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



3500C9



BE004A



005100



005637

Sweetspot

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



3500C9



C7B3FF



0097C9



5E5280



000000



808080

Same Dimension

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



3500C9



4300FF



9700C9



5C5A63



2B00A3



090024

Inverse Universe

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



C90094



FF00BC



32C900



635A61



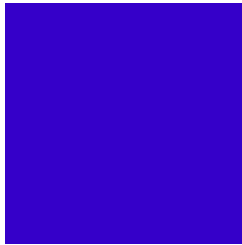
A30078



24001A

Previews

White Background



This preview shows how the Hex color 3500C9 looks on a white background.

Color Contrast Check

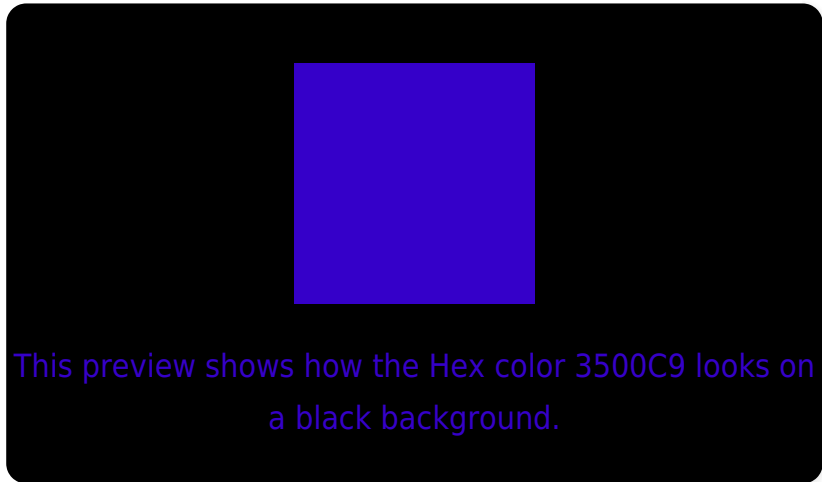
Large Text (above 18pt) WCAG AA ✓ Pass

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

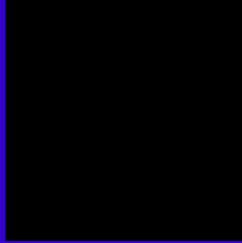
Any Text WCAG AA × Fail

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 3500C9 Background



This preview shows how black text looks on a background with the Hex color 3500C9.




This preview shows how white text looks on a background with the Hex color 3500C9.

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
3500C9

Protanomaly
13289D

Deuteranomaly
132B90

Tritanomaly
132E79

Monochromacy



Original Color
3500C9

Achromatopsia
272727

Achromatomaly
2C1962

CSS Examples

Text

The CSS property to change the color of the text to Hex 3500C9 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 #3500C9 looks like.

```
.text, #text, p{  
    color:#3500C9  
}
```

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 #3500C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3500C9
}
```

Border

The CSS property to change the border of an element to Hex 3500C9 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
#3500C9 }
```

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

```
.border{ border-color:#3500C9 }
```

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

Here you see how a box with a 4 pixel #3500C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3500C9; -webkit-box-shadow:4px 4px  
4px 4px #3500C9; box-shadow:4px 4px 4px  
4px #3500C9 }
```

Background

The CSS property to change the background color of an element to Hex 3500C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3500C9 }
```

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

```
.background{ background-color:#3500C9 }
```

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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