

# Converting Colors

Hex(3400C2)

Have a look what the booklet for  
Hex(3400C2) contains.

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# Color

**Hex(3400C2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3400C2
RGB	52, 0, 194
RGB Percent	20%, 0%, 76%
CMY	0.7961, 1.0000, 0.2392
CMYK	0.73, 1.00, 0.00, 0.24
HSL	256°, 100%, 38%
HSV	256°, 100%, 76%
XYZ	11.1538, 4.6251, 51.3438
YIQ	37.6640, -31.2820, 71.3580

# Conversions

## Conversions Part 2

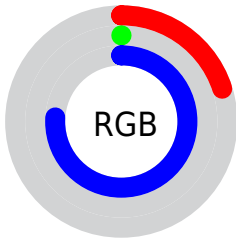
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 0, 194
Decimal	3408066
CIELab	25.64, 65.31, -83.88
CIELCh	26, 106.310, 307.907
Yxy	4.6251, 0.1662, 0.0689
Android (android.graphics.Color)	4281598146 (0xFF3400C2)
YUV	37.6640, 77.0736, 12.5727
Hunter-Lab	21.5061, 54.9406, -126.4953

# Details

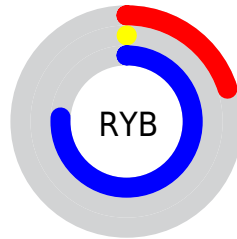
The Hex color **3400C2** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **8EC200**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **7B41FC**, and **00008B** is the 20% darker color. If you saturate the color by 10%, you get **3400C2**, and if you desaturate by 10%, it is **4213C2**.

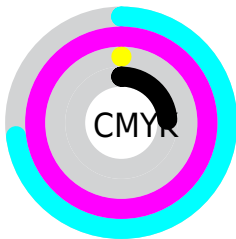
# Distribution



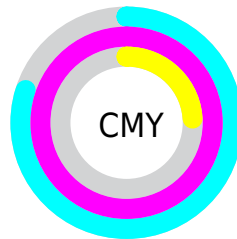
- Red (20%)
- Green (0%)
- Blue (76%)



- Red (20%)
- Yellow (0%)
- Blue (76%)



- Cyan (73%)
- Magenta (100%)
- Yellow (0%)
- Black (24%)



- Cyan (80%)
- Magenta (100%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3400C2 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 3400C2 by changing the saturation by 10% instead.



 3400C2	 3400C2
FFFFFF	 0000A6
 7B41FC	 00008B
 9A5CFF	 000070
 B977FF	 000956
 D892FF	 00063E
 F7ADFF	 000327
 FFCAFF	 000111
 FFE7FF	 000000

 3400C2

 4213C2

 5027C2

 5F3AC2

 6D4EC2

 7B61C2

 8974C2

 9788C2

 A69BC2

 B4AFC2

# Harmonies

## Analogous

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



0048E6



3400C2



A2007C

# Triad

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



3400C2



781800



005452

# Complementary

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



3400C2



8EC200

# 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.



005200



3400C2



384200

# Square

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



3400C2



A60000



004E00



0057A2

# Rectangle

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



3400C2



B70047



004E00



005335



# Sweetspot

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



3400C2



C5B1FC



008EC2



5E5280



000000



808080



# Same Dimension

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



3400C2



4400FC



9500C2



5A5761



2B00A1



090021



# Inverse Universe

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



C2008E



FC00B9



2DC200



61575E



A10076

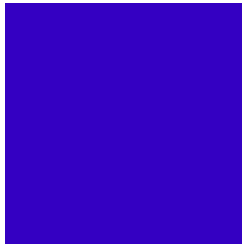


210018



# Previews

## White Background



This preview shows how the Hex color 3400C2 looks on a white background.

## Color Contrast Check

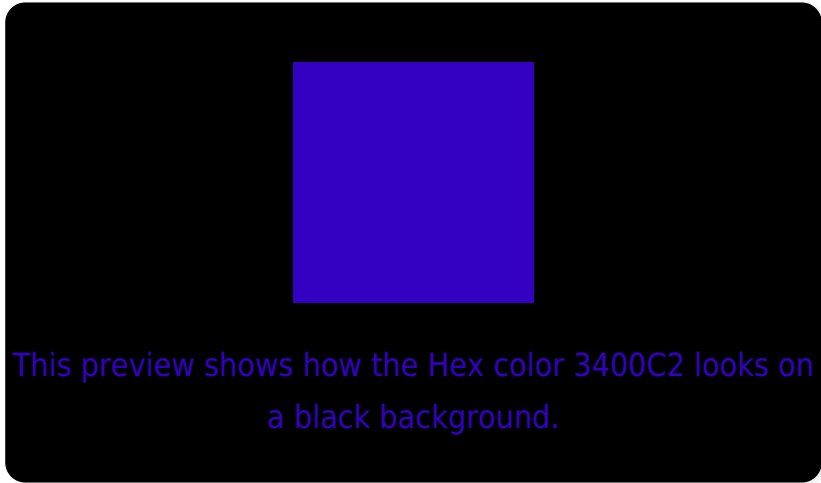
Large Text (above 18pt) WCAG AA ✓ Pass

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

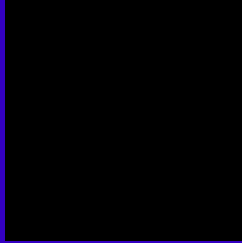
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3400C2 Background



This preview shows how black text looks on a background with the Hex color 3400C2.




This preview shows how white text looks on a background with the Hex color 3400C2.

# 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**  
00464A

# Trichromacy



**Original Color**  
3400C2

**Protanomaly**  
132798

**Deuteranomaly**  
13298B

**Tritanomaly**  
132D76

# Monochromacy



**Original Color**  
3400C2

**Achromatopsia**  
262626

**Achromatomaly**  
2B185F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3400C2 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 #3400C2 looks like.

```
.text, #text, p{  
    color:#3400C2  
}
```

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 #3400C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3400C2
}
```

## Border

The CSS property to change the border of an element to Hex 3400C2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

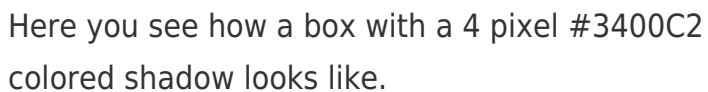
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3400C2 }
```

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

```
.border{ border-color:#3400C2 }
```

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



Here you see how a box with a 4 pixel #3400C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3400C2; -webkit-box-shadow:4px 4px  
4px 4px #3400C2; box-shadow:4px 4px 4px  
4px #3400C2 }
```

# Background

The CSS property to change the background color of an element to Hex 3400C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3400C2 }
```

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

```
.background{ background-color:#3400C2 }
```

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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