

Converting Colors

Hex(3111C3)

Have a look what the booklet for
Hex(3111C3) contains.

Hex(3111C3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3111C3)

Conversions

Conversions Part 1

Format	Color
Hex	3111C3
RGB	49, 17, 195
RGB Percent	19%, 7%, 76%
CMY	0.8078, 0.9333, 0.2353
CMYK	0.75, 0.91, 0.00, 0.24
HSL	251°, 84%, 42%
HSV	251°, 91%, 76%
XYZ	11.3174, 4.9940, 51.9972
YIQ	46.8600, -38.0660, 62.1420

Conversions

Conversions Part 2

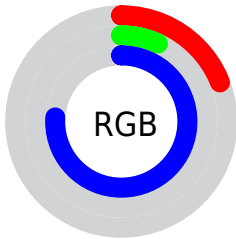
Format	Color
R_{YB}	49, 17, 195
Decimal	3215811
CIE _{Lab}	26.72, 61.86, -82.68
CIE _{LCh}	27, 103.255, 306.802
Yxy	4.9940, 0.1657, 0.0731
Android (android.graphics.Color)	4281405891 (0xFF3111C3)
YUV	46.8600, 73.0330, 1.8768
Hunter-Lab	22.3473, 51.2907, -122.3119

Details

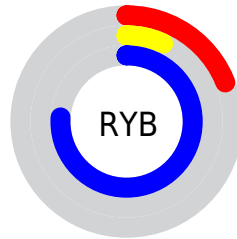
The Hex color **3111C3** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **A3C311**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **7848FD**, and **00008C** is the 20% darker color. If you saturate the color by 10%, you get **2300C3**, and if you desaturate by 10%, it is **4125C3**.

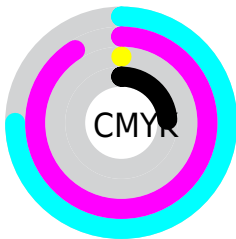
Distribution



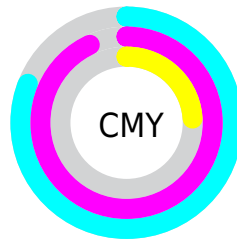
- Red (19%)
- Green (7%)
- Blue (76%)



- Red (19%)
- Yellow (7%)
- Blue (76%)



- Cyan (75%)
- Magenta (91%)
- Yellow (0%)
- Black (24%)



- Cyan (81%)
- Magenta (93%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3111C3 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 3111C3 by changing the saturation by 10% instead.

■ 3111C3

■ 3111C3

FFFFFF

■ 0000A7

■ 7848FD

■ 00008C

■ 9863FF

■ 000071

■ B77DFF

■ 000957

■ D598FF

■ 00063F

■ F5B4FF

■ 000328

■ FFD0FF

■ 000112

■ FFEDFF

■ 000000

■ 3111C3

■ 3111C3

■ 2300C3

■ 4125C3

■ 5138C3

■ 614BC3

■ 715FC3

■ 8172C3

■ 9186C3

■ A19AC3

■ B1ADC3

■ C1C0C3

Harmonies

Analogous

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



004AE5



3111C3



A1007F

Triad

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



3111C3



7C1900



005750

Complementary

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



3111C3



A3C311

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



3111C3



3E4300

Square

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



3111C3



A80000



005000



00599F

Rectangle

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



3111C3



B7004C



005000



005635

Sweetspot

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



3111C3



C5B8FC



11A5C3



5E5780



000000



808080

Same Dimension

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



3111C3



2D00FC



8811C3



595761



1D00A1



060021

Inverse Universe

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



C311A3



FC00CF



4CC311



61575F



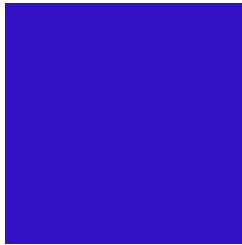
A10084



21001B

Previews

White Background



This preview shows how the Hex color 3111C3 looks on a white background.

Color Contrast Check

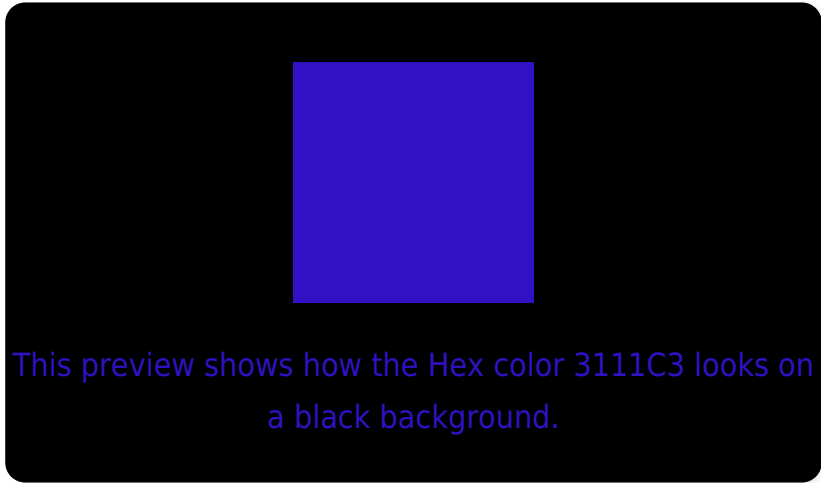
Large Text (above 18pt) WCAG AA ✓ Pass

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

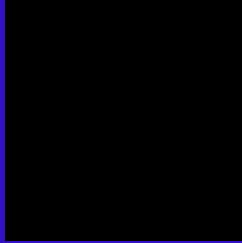
Any Text WCAG AA × Fail

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 3111C3 Background



This preview shows how black text looks on a background with the Hex color 3111C3.



This preview shows how white text looks on a background with the Hex color 3111C3.

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
3111C3

Protanopia
003E81

Deuteranopia
00426E



Tritanopia
00474B

Trichromacy



Original Color
3111C3

Protanomaly
122E99

Deuteranomaly
12308D

Tritanomaly
123377

Monochromacy



Original Color
3111C3

Achromatopsia
2F2F2F

Achromatomaly
302465

CSS Examples

Text

The CSS property to change the color of the text to Hex 3111C3 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 #3111C3 looks like.

```
.text, #text, p{  
    color:#3111C3  
}
```

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 #3111C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3111C3
}
```

Border

The CSS property to change the border of an element to Hex 3111C3 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
#3111C3 }
```

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

```
.border{ border-color:#3111C3 }
```

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

Here you see how a box with a 4 pixel #3111C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3111C3; -webkit-box-shadow:4px 4px  
4px 4px #3111C3; box-shadow:4px 4px 4px  
4px #3111C3 }
```

Background

The CSS property to change the background color of an element to Hex 3111C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3111C3 }
```

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

```
.background{ background-color:#3111C3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor