

Converting Colors

Hex(3311E9)

Have a look what the booklet for
Hex(3311E9) contains.

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Color

Hex(3311E9)

Conversions

Conversions Part 1

Format	Color
Hex	3311E9
RGB	51, 17, 233
RGB Percent	20%, 7%, 91%
CMY	0.8000, 0.9333, 0.0863
CMYK	0.78, 0.93, 0.00, 0.09
HSL	249°, 86%, 49%
HSV	249°, 93%, 91%
XYZ	16.2737, 6.9879, 77.5819
YIQ	51.7900, -49.0720, 74.3840

Conversions

Conversions Part 2

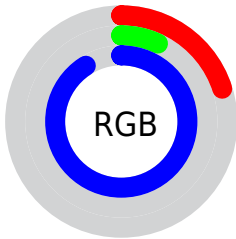
Format	Color
RYB	51, 17, 233
Decimal	3346921
CIELab	31.78, 71.70, -96.26
CIELCh	32, 120.023, 306.681
Yxy	6.9879, 0.1614, 0.0693
Android (android.graphics.Color)	4281537001 (0xFF3311E9)
YUV	51.7900, 89.3365, -0.6928
Hunter-Lab	26.4346, 63.6274, -155.5035

Details

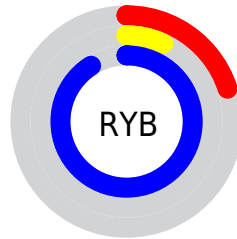
The Hex color **3311E9** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **C7E911**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **824DFF**, and **0000AF** is the 20% darker color. If you saturate the color by 10%, you get **2500E9**, and if you desaturate by 10%, it is **4728E9**.

Distribution



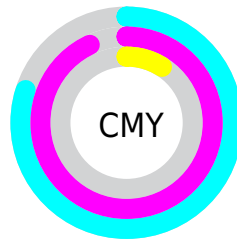
- Red (20%)
- Green (7%)
- Blue (91%)



- Red (20%)
- Yellow (7%)
- Blue (91%)



- Cyan (78%)
- Magenta (93%)
- Yellow (0%)
- Black (9%)



- Cyan (80%)
- Magenta (93%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3311E9 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 3311E9 by changing the saturation by 10% instead.

3311E9

3311E9

FFFFFF

0000CC

824DFF

0000AF

A368FF

000094

C483FF

000079

E49FFF

000E5F

FFBBFF

000846

FFD7FF

00042F

FFF5FF

000119

000000

■ 3311E9

■ 3311E9

■ 2500E9

■ 4728E9

■ 5A40E9

■ 6E57E9

■ 826EE9

■ 9586E9

■ A99DE9

■ BCB4E9

■ D0CBE9

■ E4E3E9

Harmonies

Analogous

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



0059FF



3311E9



BF0098

Triad

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



3311E9



931B00



00665F

Complementary

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



3311E9



C7E911

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.



006300



3311E9



494F00

Square

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



3311E9



C70000



005F00



0069BE

Rectangle

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



3311E9



D9005A



005F00



00653E

Sweetspot

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



3311E9



C3B8FF



11C9E9



5B5480



000000



808080

Same Dimension

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



3311E9



2800FF



9D11E9



6B6A75



1C00B5



080036

Inverse Universe

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



E911C7



FF00D7



5DE911



756A73



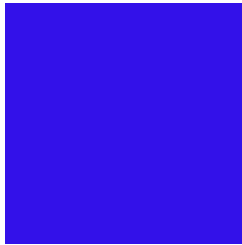
B50099



36002D

Previews

White Background



This preview shows how the Hex color 3311E9 looks on a white background.

Color Contrast Check

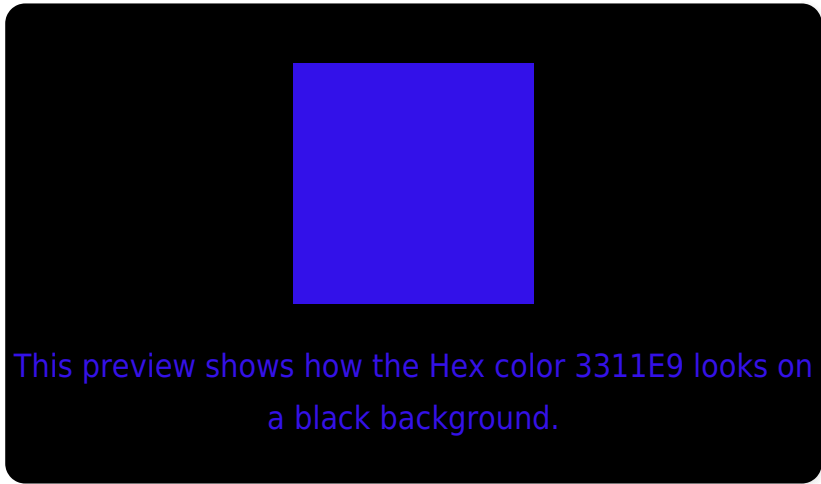
Large Text (above 18pt) WCAG AA ✓ Pass

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

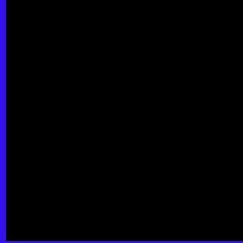
Any Text WCAG AA × Fail

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 3311E9 Background



This preview shows how black text looks on a background with the Hex color 3311E9.



This preview shows how white text looks on a background with the Hex color 3311E9.

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



Trichromacy



Original Color
3311E9

Protanomaly
1334B5

Deuteranomaly
1337A6

Tritanomaly
133B8C

Monochromacy



Original Color
3311E9

Achromatopsia
343434

Achromatomaly
342776

CSS Examples

Text

The CSS property to change the color of the text to Hex 3311E9 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 #3311E9 looks like.

```
.text, #text, p{  
    color:#3311E9  
}
```

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 #3311E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3311E9
}
```

Border

The CSS property to change the border of an element to Hex 3311E9 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
#3311E9 }
```

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

```
.border{ border-color:#3311E9 }
```

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

Here you see how a box with a 4 pixel #3311E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3311E9; -webkit-box-shadow:4px 4px  
4px 4px #3311E9; box-shadow:4px 4px 4px  
4px #3311E9 }
```

Background

The CSS property to change the background color of an element to Hex 3311E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3311E9 }
```

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

```
.background{ background-color:#3311E9 }
```

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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