

Converting Colors

Hex(300EE4)

Have a look what the booklet for
Hex(300EE4) contains.

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Color

Hex(300EE4)

Conversions

Conversions Part 1

Format	Color
Hex	300EE4
RGB	48, 14, 228
RGB Percent	19%, 5%, 89%
CMY	0.8118, 0.9451, 0.1059
CMYK	0.79, 0.94, 0.00, 0.11
HSL	250°, 88%, 47%
HSV	250°, 94%, 89%
XYZ	15.3796, 6.5439, 73.8513
YIQ	48.5620, -48.4300, 73.7620

Conversions

Conversions Part 2

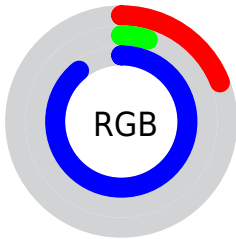
Format	Color
R_YB	48, 14, 228
Decimal	3149540
CIE _{Lab}	30.75, 70.97, -95.13
CIE _{LCh}	31, 118.687, 306.726
Yxy	6.5439, 0.1606, 0.0683
Android (android.graphics.Color)	4281339620 (0xFF300EE4)
YUV	48.5620, 88.4629, -0.4929
Hunter-Lab	25.5810, 62.5491, -153.2609

Details

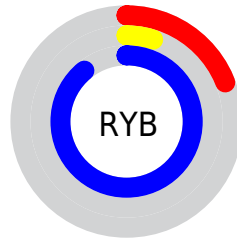
The Hex color **300EE4** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **C2E40E**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **7F4BFF**, and **0000AB** is the 20% darker color. If you saturate the color by 10%, you get **2400E4**, and if you desaturate by 10%, it is **4325E4**.

Distribution



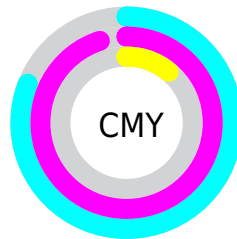
- Red (19%)
- Green (5%)
- Blue (89%)



- Red (19%)
- Yellow (5%)
- Blue (89%)



- Cyan (79%)
- Magenta (94%)
- Yellow (0%)
- Black (11%)



- Cyan (81%)
- Magenta (95%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 300EE4 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 300EE4 by changing the saturation by 10% instead.

 300EE4

 300EE4

FFFFFF

 0000C7

 7F4BFF

 0000AB

 A166FF

 00008F

 C181FF

 000074

 E19CFF

 000D5A

 FF88FF

 000742

 FFD5FF

 00032B

 FFF2FF

 000115

 000000

■ 300EE4

■ 300EE4

■ 2400E4

■ 4325E4

■ 563CE4

■ 6A52E4

■ 7D69E4

■ 9080E4

■ A397E4

■ B6AEE4

■ C9C4E4

■ DDDBE4

Harmonies

Analogous

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



0056FF



300EE4



BB0094

Triad

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



300EE4



901900



00635D

Complementary

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



300EE4



C2E40E

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.



006000



300EE4



464D00

Square

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



300EE4



C20000



005C00



0066BA

Rectangle

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



300EE4



D40058



005C00



00623C

Sweetspot

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



300EE4



C3B8FF



0EC4E4



5B5480



000000



808080

Same Dimension

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



300EE4



2900FF



990EE4



696773



1C00B3



080033

Inverse Universe

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



E40EC2



FF00D6



59E40E



736771



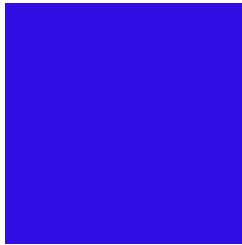
B30096



33002B

Previews

White Background



This preview shows how the Hex color 300EE4 looks on a white background.

Color Contrast Check

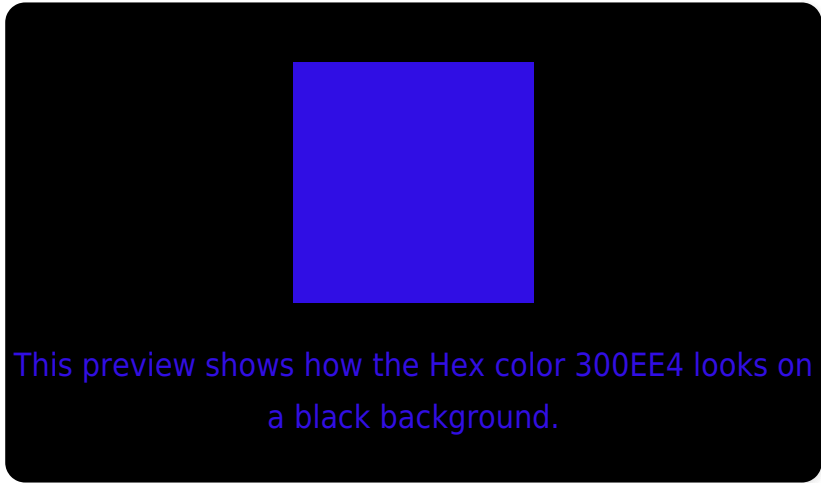
Large Text (above 18pt) WCAG AA ✓ Pass

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

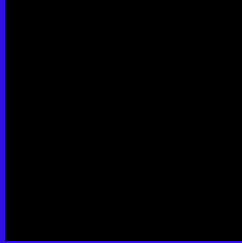
Any Text WCAG AA × Fail

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 300EE4 Background



This preview shows how black text looks on a background with the Hex color 300EE4.



This preview shows how white text looks on a background with the Hex color 300EE4.

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
300EE4

Protanopia
004693

Deuteranopia
004B7D

Trichromacy



Original Color
300EE4

Protanomaly
1132B0

Deuteranomaly
1135A2

Tritanomaly
113989

Monochromacy



Original Color
300EE4

Achromatopsia
313131

Achromatomaly
312472

CSS Examples

Text

The CSS property to change the color of the text to Hex 300EE4 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 #300EE4 looks like.

```
.text, #text, p{  
    color:#300EE4  
}
```

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 #300EE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #300EE4
}
```

Border

The CSS property to change the border of an element to Hex 300EE4 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
#300EE4 }
```

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

```
.border{ border-color:#300EE4 }
```

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

Here you see how a box with a 4 pixel #300EE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #300EE4; -webkit-box-shadow:4px 4px  
4px 4px #300EE4; box-shadow:4px 4px 4px  
4px #300EE4 }
```

Background

The CSS property to change the background color of an element to Hex 300EE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#300EE4 }
```

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

```
.background{ background-color:#300EE4 }
```

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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