

Converting Colors

Hex(2800EF)

Have a look what the booklet for
Hex(2800EF) contains.

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Color

Hex(2800EF)

Conversions

Conversions Part 1

Format	Color
Hex	2800EF
RGB	40, 0, 239
RGB Percent	16%, 0%, 94%
CMY	0.8431, 1.0000, 0.0627
CMYK	0.83, 1.00, 0.00, 0.06
HSL	250°, 100%, 47%
HSV	250°, 100%, 94%
XYZ	16.4551, 6.6831, 82.0840
YIQ	39.2060, -52.8790, 82.8090

Conversions

Conversions Part 2

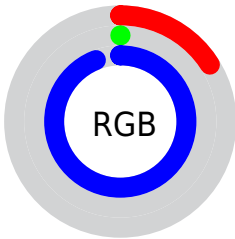
Format	Color
RYB	40, 0, 239
Decimal	2621679
CIELab	31.07, 75.76, -100.86
CIElCh	31, 126.147, 306.912
Yxy	6.6831, 0.1564, 0.0635
Android (android.graphics.Color)	4280811759 (0xFF2800EF)
YUV	39.2060, 98.4984, 0.6963
Hunter-Lab	25.8517, 68.3778, -170.1607

Details

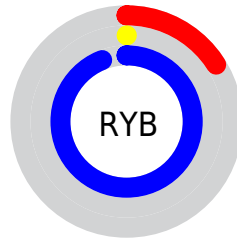
The Hex color **2800EF** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **C7EF00**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **7F46FF**, and **0000B5** is the 20% darker color. If you saturate the color by 10%, you get **2800EF**, and if you desaturate by 10%, it is **3C18EF**.

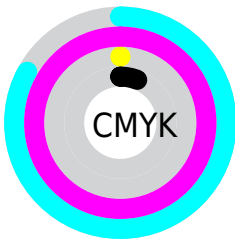
Distribution



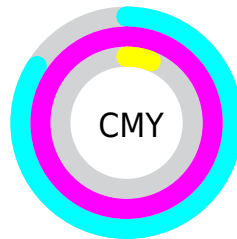
- Red (16%)
- Green (0%)
- Blue (94%)



- Red (16%)
- Yellow (0%)
- Blue (94%)



- Cyan (83%)
- Magenta (100%)
- Yellow (0%)
- Black (6%)



- Cyan (84%)
- Magenta (100%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2800EF 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 2800EF by changing the saturation by 10% instead.

 2800EF

 2800EF

FFFFFF

 0000D2

 7F46FF

 0000B5

 A162FF

 000099

 C27DFF

 00007E

 E299FF

 000F64

 FFB5FF

 00094B

 FFD2FF

 000433

 FFEFFF

 00021D

 000000

 2800EF

 3C18EF

 5030EF

 6448EF

 7860EF

 8B77EF

 9F8FEF

 B3A7EF

 C7BFEF

 DBD7EF

Harmonies

Analogous

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



0058FF



2800EF



C30099

Triad

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



2800EF



931400



00645F

Complementary

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



2800EF



C7EF00

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.



006200



2800EF



454E00

Square

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



2800EF



CA0000



005D00



0068C3

Rectangle

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



2800EF



DE0059



005D00



00633C

Sweetspot

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



2800EF



BFB3FF



00C7EF



595280



000000



808080

Same Dimension

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



2800EF



2B00FF



9F00EF



6E6C78



1F00B8



090038

Inverse Universe

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



EF00C7



FF00D4



50EF00



786C76



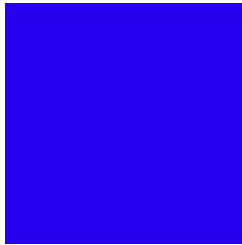
B80099



38002F

Previews

White Background



This preview shows how the Hex color 2800EF looks on a white background.

Color Contrast Check

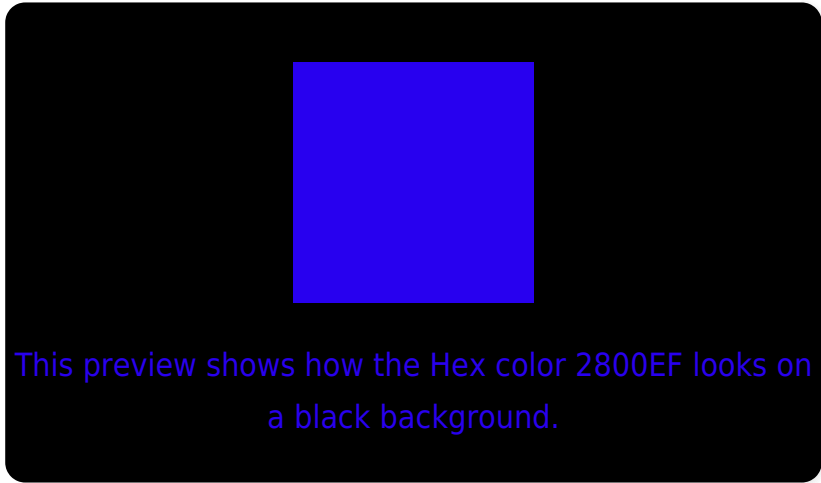
Large Text (above 18pt) WCAG AA ✓ Pass

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

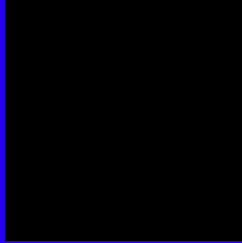
Any Text WCAG AA × Fail

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 2800EF Background



This preview shows how black text looks on a background with the Hex color 2800EF.



This preview shows how white text looks on a background with the Hex color 2800EF.

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
2800EF

Protanopia
004896

Deuteranopia
004D7F



Tritanopia
005356

Trichromacy



Original Color
2800EF

Protanomaly
0F2EB6

Deuteranomaly
0F31A8

Tritanomaly
0F358E

Monochromacy



Original Color
2800EF

Achromatopsia
272727

Achromatomaly
271970

CSS Examples

Text

The CSS property to change the color of the text to Hex 2800EF 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 #2800EF looks like.

```
.text, #text, p{  
    color:#2800EF  
}
```

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 #2800EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2800EF
}
```

Border

The CSS property to change the border of an element to Hex 2800EF is called "border". The border property can be set on classes, ids or directly on the HTML element.

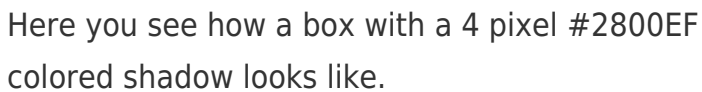
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2800EF }
```

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

```
.border{ border-color:#2800EF }
```

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



Here you see how a box with a 4 pixel #2800EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2800EF; -webkit-box-shadow:4px 4px  
4px 4px #2800EF; box-shadow:4px 4px 4px  
4px #2800EF }
```

Background

The CSS property to change the background color of an element to Hex 2800EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2800EF }
```

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

```
.background{ background-color:#2800EF }
```

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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