

Converting Colors

Hex(2810FF)

Have a look what the booklet for
Hex(2810FF) contains.

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Color

Hex(2810FF)

Conversions

Conversions Part 1

Format	Color
Hex	2810FF
RGB	40, 16, 255
RGB Percent	16%, 6%, 100%
CMY	0.8431, 0.9373, 0.0000
CMYK	0.84, 0.94, 0.00, 0.00
HSL	246°, 100%, 53%
HSV	246°, 94%, 100%
XYZ	19.1104, 8.0417, 95.1527
YIQ	50.4220, -62.4150, 79.4170

Conversions

Conversions Part 2

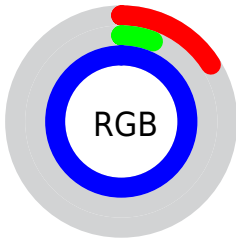
Format	Color
R _Y B	40, 16, 255
Decimal	2625791
CIE Lab	34.07, 77.10, -104.89
CIE LCh	34, 130.176, 306.320
Yxy	8.0417, 0.1563, 0.0658
Android (android.graphics.Color)	4280815871 (0xFF2810FF)
YUV	50.4220, 100.8570, -9.1401
Hunter-Lab	28.3579, 70.6647, -179.0925

Details

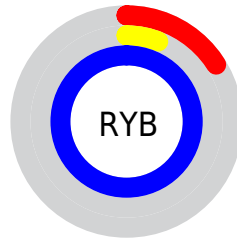
The Hex color **2810FF** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **E7FF10**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **824EFF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **1A00FF**, and if you desaturate by 10%, it is **3F2AFF**.

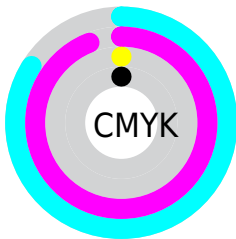
Distribution



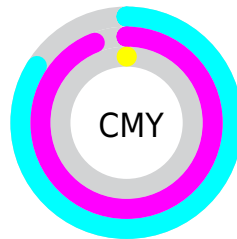
- Red (16%)
- Green (6%)
- Blue (100%)



- Red (16%)
- Yellow (6%)
- Blue (100%)



- Cyan (84%)
- Magenta (94%)
- Yellow (0%)
- Black (0%)



- Cyan (84%)
- Magenta (94%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2810FF 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 2810FF by changing the saturation by 10% instead.

 2810FF

 2810FF

FFFFFF

 0000E1

 824EFF

 0000C4

 A56AFF

 0000A8

 C785FF

 00008C


 E7A1FF

 000E71

 FFBDFD

 000C58

 FFDAFF

 00073F

 FFF8FF

 000329

 000112

 2810FF

 2810FF

 1A00FF

 3F2AFF

 5643FF

 6D5DFF

 8476FF

 9B90FF

 B2A9FF

 C9C3FF

 E0DCFF

 F6F6FF

Harmonies

Analogous

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



0060FF



2810FF



CF00A6

Triad

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



2810FF



A01800



006D65

Complementary

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



2810FF



E7FF10

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.



006A00



2810FF



4F5500

Square

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



2810FF



D80000



006500



0071CD

Rectangle

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



2810FF



EC0062



006500



006C40

Sweetspot

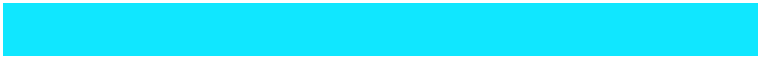
The Sweet Spot groups the original color and five complimentary colors.



2810FF



BFB8FF



10E7FF



595480



000000



808080

Same Dimension

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



2810FF



1A00FF



9F10FF



747380



1300BF



060040

Inverse Universe

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



FF10E7



FF00E5



70FF10



80737E



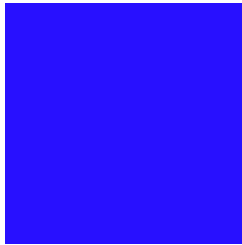
BF00AC



400039

Previews

White Background



This preview shows how the Hex color 2810FF looks on a white background.

Color Contrast Check

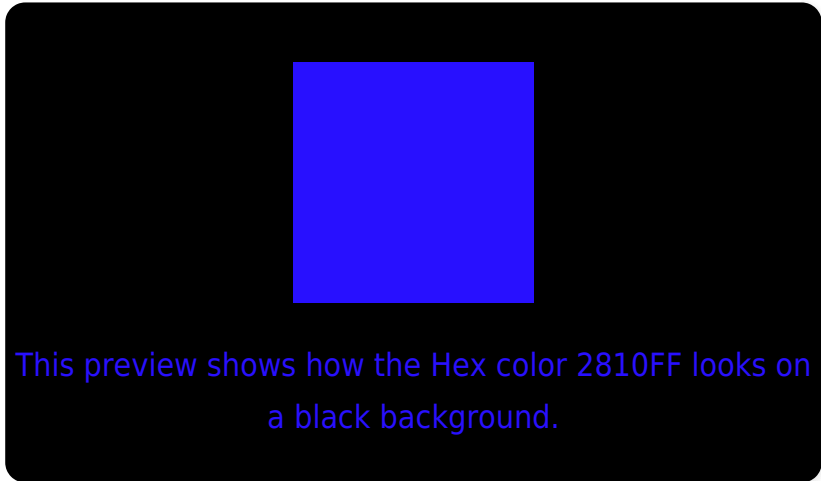
Large Text (above 18pt) WCAG AA ✓ Pass

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

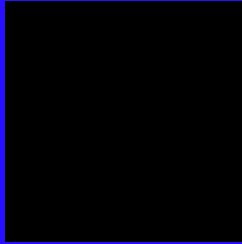
Any Text WCAG AA × Fail

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 2810FF Background



This preview shows how black text looks on a background with the Hex color 2810FF.



This preview shows how white text looks on a background with the Hex color 2810FF.

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
2810FF

Protanopia
004DA1

Deuteranopia
005289



Tritanopia
00595D

Trichromacy



Original Color
2810FF

Protanomaly
0F37C3

Deuteranomaly
0F3AB4

Tritanomaly
0F3E98

Monochromacy



Original Color
2810FF

Achromatopsia
323232

Achromatomaly
2E267D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2810FF 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 #2810FF looks like.

```
.text, #text, p{  
    color:#2810FF  
}
```

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 #2810FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2810FF
}
```

Border

The CSS property to change the border of an element to Hex 2810FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

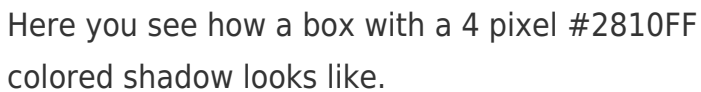
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2810FF }
```

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

```
.border{ border-color:#2810FF }
```

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



Here you see how a box with a 4 pixel #2810FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2810FF; -webkit-box-shadow:4px 4px  
4px 4px #2810FF; box-shadow:4px 4px 4px  
4px #2810FF }
```

Background

The CSS property to change the background color of an element to Hex 2810FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2810FF }
```

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

```
.background{ background-color:#2810FF }
```

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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