

Converting Colors

Hex(2B78FF)

Have a look what the booklet for
Hex(2B78FF) contains.

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Color

Hex(2B78FF)

Conversions

Conversions Part 1

Format	Color
Hex	2B78FF
RGB	43, 120, 255
RGB Percent	17%, 47%, 100%
CMY	0.8314, 0.5294, 0.0000
CMYK	0.83, 0.53, 0.00, 0.00
HSL	218°, 100%, 58%
HSV	218°, 83%, 100%
XYZ	25.7627, 21.1665, 97.3354
YIQ	112.3670, -89.2270, 25.6610

Conversions

Conversions Part 2

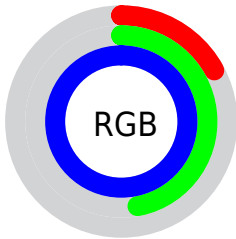
Format	Color
R_{YB}	43, 99, 255
Decimal	2849023
CIE _{Lab}	53.13, 25.60, -73.47
CIE _{LCh}	53, 77.806, 289.213
Yxy	21.1665, 0.1786, 0.1467
Android (android.graphics.Color)	4281039103 (0xFF2B78FF)
YUV	112.3670, 70.3181, -60.8349
Hunter-Lab	46.0071, 19.4427, -93.2326

Details

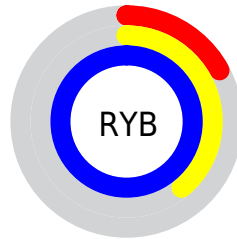
The Hex color **2B78FF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **FFB22B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7CACFF**, and **0049C5** is the 20% darker color. If you saturate the color by 10%, you get **1268FF**, and if you desaturate by 10%, it is **4588FF**.

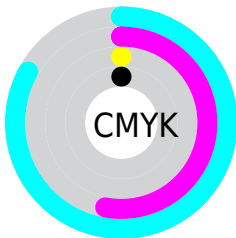
Distribution



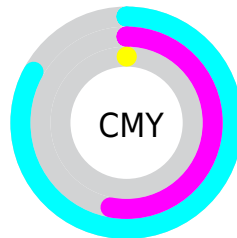
- Red (17%)
- Green (47%)
- Blue (100%)



- Red (17%)
- Yellow (39%)
- Blue (100%)



- Cyan (83%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (83%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B78FF 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 2B78FF by changing the saturation by 10% instead.

 2B78FF

 2B78FF

FFFFFF

 0060E2

 7CACFF

 0049C5

 9DC7FF

 0034A9

 BDE2FF


 00218E

 DDFFFF

 000D74

 FDFFFF

 000D5A

 000741

 00032A

 000115

■ 2B78FF

■ 2B78FF

■ 1268FF

■ 4588FF

■ 005DFF

■ 5E98FF

■ 78A9FF

■ 91B9FF

■ ABC9FF

■ C4D9FF

■ DEEAFF

■ F7FAFF

FFFFFF

Harmonies

Analogous

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



008EFF



2B78FF



B55D7

Triad

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



2B78FF



DB5313



009A64

Complementary

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



2B78FF



FFB22B

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.



009417



2B78FF



AE7300

Square

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



2B78FF



F12B58



718900



009CA9

Rectangle

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



2B78FF



DC38B0



718900



00994C

Sweetspot

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



2B78FF



BFD6FF



2BFFB1



596780



000000



808080

Same Dimension

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



2B78FF



005DFF



472BFF



737780



0045BF



001740

Inverse Universe

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



FF2B78



FF005D



E3FF2B



807377



BF0045



400017

Previews

White Background



This preview shows how the Hex color 2B78FF looks on a white background.

Color Contrast Check

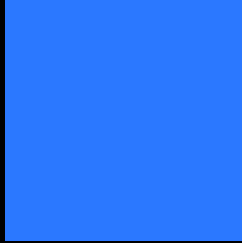
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2B78FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

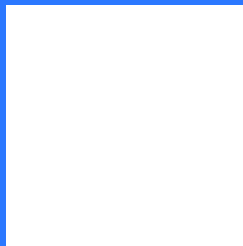
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2B78FF Background



This preview shows how black text looks on a background with the Hex color 2B78FF.



This preview shows how white text looks on a background with the Hex color 2B78FF.

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](#).

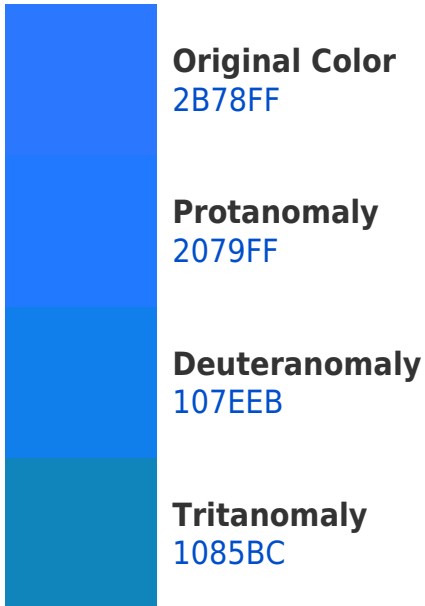
Dichromacy





Tritanopia
008C95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B78FF 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 #2B78FF looks like.

```
.text, #text, p{  
    color:#2B78FF  
}
```

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 #2B78FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B78FF
}
```

Border

The CSS property to change the border of an element to Hex 2B78FF 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
#2B78FF }
```

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

```
.border{ border-color:#2B78FF }
```

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

Here you see how a box with a 4 pixel #2B78FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B78FF; -webkit-box-shadow:4px 4px  
4px 4px #2B78FF; box-shadow:4px 4px 4px  
4px #2B78FF }
```

Background

The CSS property to change the background color of an element to Hex 2B78FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B78FF }
```

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

```
.background{ background-color:#2B78FF }
```

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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