

Converting Colors

Hex(2B91F8)

Have a look what the booklet for
Hex(2B91F8) contains.

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Color

Hex(2B91F8)

Conversions

Conversions Part 1

Format	Color
Hex	2B91F8
RGB	43, 145, 248
RGB Percent	17%, 57%, 97%
CMY	0.8314, 0.4314, 0.0275
CMYK	0.83, 0.42, 0.00, 0.03
HSL	210°, 94%, 57%
HSV	210°, 83%, 97%
XYZ	28.0649, 27.5417, 92.6438
YIQ	126.2440, -93.8550, 10.4090

Conversions

Conversions Part 2

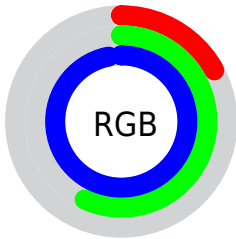
Format	Color
R _Y B	43, 111, 248
Decimal	2855416
CIE Lab	59.47, 7.64, -59.39
CIE LCh	59, 59.881, 277.328
Yxy	27.5417, 0.1893, 0.1858
Android (android.graphics.Color)	4281045496 (0xFF2B91F8)
YUV	126.2440, 60.0257, -73.0050
Hunter-Lab	52.4802, 3.6165, -67.9291

Details

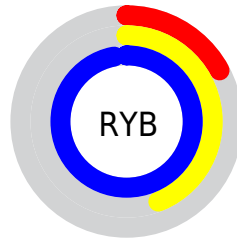
The Hex color **2B91F8** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **F8922B**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **7AC6FF**, and **005FBF** is the 20% darker color. If you saturate the color by 10%, you get **1285F8**, and if you desaturate by 10%, it is **449DF8**.

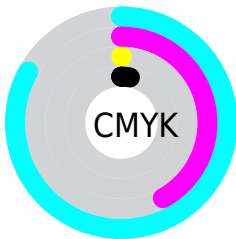
Distribution



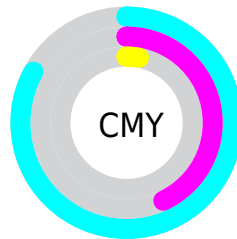
- Red (17%)
- Green (57%)
- Blue (97%)



- Red (17%)
- Yellow (44%)
- Blue (97%)



- Cyan (83%)
- Magenta (42%)
- Yellow (0%)
- Black (3%)



- Cyan (83%)
- Magenta (43%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B91F8 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 2B91F8 by changing the saturation by 10% instead.

 2B91F8

 2B91F8

FFFFFF

 0078DB

 7AC6FF

 005FBF

 9BE2FF

 0048A3

 BAFFFF

 003388

 DAFFFF

 00206E

 F9FFFF

 000855

 00063D

 000326

 000110

■ 2B91F8

■ 2B91F8

■ 1285F8

■ 449DF8

■ 007BF8

■ 5DAAF8

■ 75B6F8

■ 8EC3F8

■ A7CFF8

■ C0DCF8

■ D9E8F8

■ F1F5F8

■ FFFFF8

Harmonies

Analogous

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



00A0F0



2B91F8



A27CE3

Triad

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



2B91F8



E76852



00A564

Complementary

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



2B91F8



F8922B

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.



669E34



2B91F8



CA7E29

Square

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



2B91F8



EE5C84



9E9117



00A89B

Rectangle

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



2B91F8



CA6CC9



9E9117



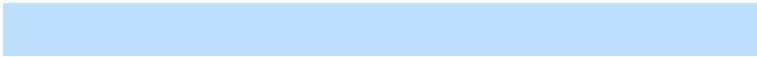
2CA453

Sweetspot

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



2B91F8



BFDFFF



2BF892



596C80



000000



808080

Same Dimension

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



2B91F8



0380FF



2B2BF8



70777D



005EBD



001E3D

Inverse Universe

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



F82B91



FF0380



F8F82B



7D7077



BD005E



3D001E

Previews

White Background



This preview shows how the Hex color 2B91F8 looks on a white background.

Color Contrast Check

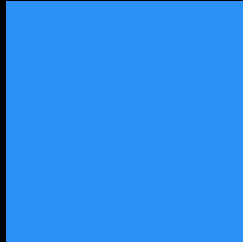
Large Text (above 18pt) WCAG AA ✓ Pass

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 2B91F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

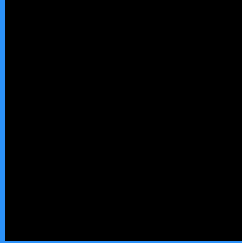
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

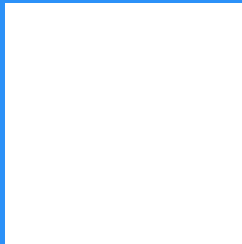
Any Text WCAG AAA × Fail

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

Hex 2B91F8 Background



This preview shows how black text looks on a background with the Hex color 2B91F8.



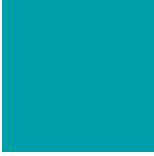
This preview shows how white text looks on a background with the Hex color 2B91F8.

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](#).

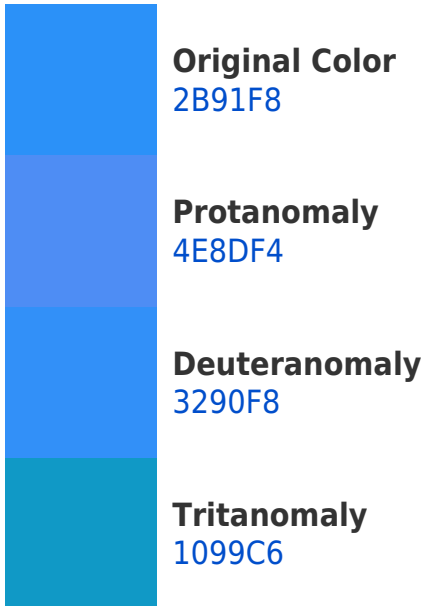
Dichromacy



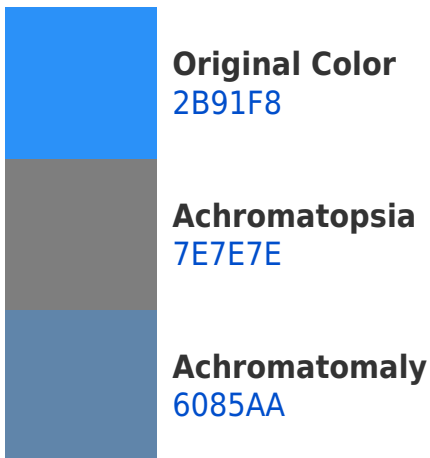


Tritanopia
009EA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B91F8 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 #2B91F8 looks like.

```
.text, #text, p{  
    color:#2B91F8  
}
```

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 #2B91F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B91F8
}
```

Border

The CSS property to change the border of an element to Hex 2B91F8 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
#2B91F8 }
```

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

```
.border{ border-color:#2B91F8 }
```

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

Here you see how a box with a 4 pixel #2B91F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B91F8; -webkit-box-shadow:4px 4px  
4px 4px #2B91F8; box-shadow:4px 4px 4px  
4px #2B91F8 }
```

Background

The CSS property to change the background color of an element to Hex 2B91F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B91F8 }
```

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

```
.background{ background-color:#2B91F8 }
```

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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