

Converting Colors

Hex(2B19F8)

Have a look what the booklet for
Hex(2B19F8) contains.

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Color

Hex(2B19F8)

Conversions

Conversions Part 1	
Format	Color
Hex	2B19F8
RGB	43, 25, 248
RGB Percent	17%, 10%, 97%
CMY	0.8314, 0.9020, 0.0275
CMYK	0.83, 0.90, 0.00, 0.03
HSL	245°, 94%, 54%
HSV	245°, 90%, 97%
XYZ	18.2872, 7.9862, 89.3846
YIQ	55.8040, -60.8550, 73.1690

Conversions

Conversions Part 2

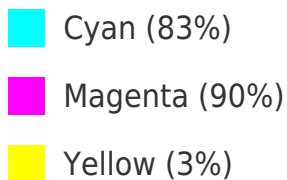
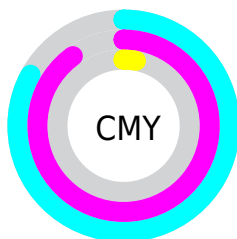
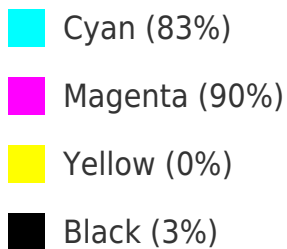
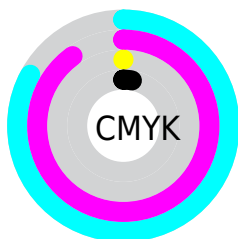
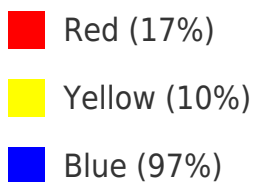
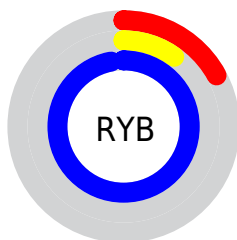
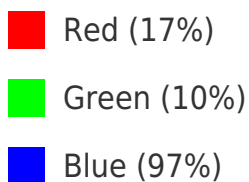
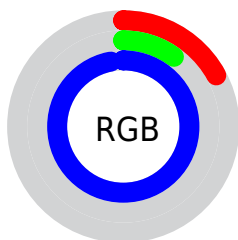
Format	Color
RYB	43, 25, 248
Decimal	2824696
CIELab	33.95, 73.33, -101.14
CIELCh	34, 124.928, 305.944
Yxy	7.9862, 0.1581, 0.0690
Android (android.graphics.Color)	4281014776 (0xFF2B19F8)
YUV	55.8040, 94.7526, -11.2291
Hunter-Lab	28.2598, 66.0543, -167.7500

Details

The Hex color **2B19F8** 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 **E6F819**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **8152FF**, and **0000BE** is the 20% darker color. If you saturate the color by 10%, you get **1400F8**, and if you desaturate by 10%, it is **4232F8**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 2B19F8 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 2B19F8 by changing the saturation by 10% instead.

 2B19F8

 2B19F8

FFFFFF

 0000DB

 8152FF

 0000BE

 A46DFF

 0000A2

 C588FF

 000086

 E5A4FF

 000F6C

 FFC0FF

 000B52

 FFD0FF

 00053A

 FFFAFF

 000224

 00000B

 2B19F8

 2B19F8

 1400F8

 4232F8

 594BF8

 6F63F8

 867CF8

 9D95F8

 B4AEF8

 CBC7F8

 E1DFF8

 F8F8F8

Harmonies

Analogous

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



005FFF



2B19F8



C900A4

Triad

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



2B19F8



9E1B00



006C63

Complementary

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



2B19F8



E6F819

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.



006900



2B19F8



515400

Square

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



2B19F8



D40000



006400



0070C6

Rectangle

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



2B19F8



E50063



006400



006B3F

Sweetspot

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



2B19F8



C0BAFF



19E9F8



5A5780



000000



808080

Same Dimension

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



2B19F8



1500FF



9719F8



71707D



0F00BD



05003D

Inverse Universe

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



F819E6



FF00EA



7AF819



7D707C



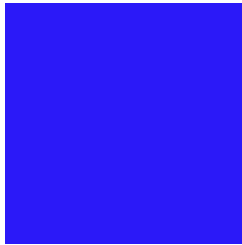
BD00AD



3D0038

Previews

White Background



This preview shows how the Hex color 2B19F8 looks on a white background.

Color Contrast Check

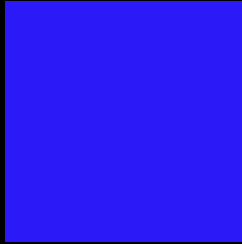
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Hex color 2B19F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

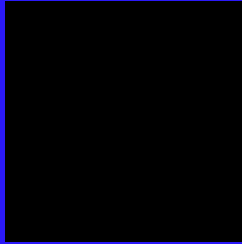
Any Text WCAG AA × Fail

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 2B19F8 Background



This preview shows how black text looks on a background with the Hex color 2B19F8.



This preview shows how white text looks on a background with the Hex color 2B19F8.

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](#).

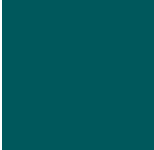
Dichromacy



Original Color
2B19F8





Protanopia
004DA0

Deuteranopia
005288






Tritanopia
00585C

Trichromacy

	Original Color 2B19F8
	Protanomaly 103AC0
	Deuteranomaly 103DB1
	Tritanomaly 104195

Monochromacy

	Original Color 2B19F8
	Achromatopsia 383838
	Achromatomaly 332D7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B19F8 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 #2B19F8 looks like.

```
.text, #text, p{  
    color:#2B19F8  
}
```

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 #2B19F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B19F8
}
```

Border

The CSS property to change the border of an element to Hex 2B19F8 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
#2B19F8 }
```

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

```
.border{ border-color:#2B19F8 }
```

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

Here you see how a box with a 4 pixel #2B19F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B19F8; -webkit-box-shadow:4px 4px  
4px 4px #2B19F8; box-shadow:4px 4px 4px  
4px #2B19F8 }
```

Background

The CSS property to change the background color of an element to Hex 2B19F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B19F8 }
```

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

```
.background{ background-color:#2B19F8 }
```

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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