

Converting Colors

Hex(2C3BF8)

Have a look what the booklet for
Hex(2C3BF8) contains.

Hex(2C3BF8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2C3BF8)

Conversions

Conversions Part 1

Format	Color
Hex	2C3BF8
RGB	44, 59, 248
RGB Percent	17%, 23%, 97%
CMY	0.8275, 0.7686, 0.0275
CMYK	0.82, 0.76, 0.00, 0.03
HSL	236°, 94%, 57%
HSV	236°, 82%, 97%
XYZ	19.5459, 10.4407, 89.7920
YIQ	76.0610, -69.6090, 55.5990

Conversions

Conversions Part 2

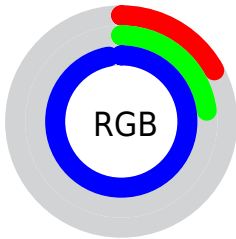
Format	Color
R_{YB}	44, 58, 248
Decimal	2898936
CIE _{Lab}	38.62, 59.69, -93.38
CIE _{LCh}	39, 110.823, 302.587
Yxy	10.4407, 0.1632, 0.0872
Android (android.graphics.Color)	4281089016 (0xFF2C3BF8)
YUV	76.0610, 84.7659, -28.1175
Hunter-Lab	32.3121, 51.4305, -142.1424

Details

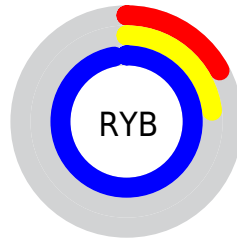
The Hex color **2C3BF8** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **F8E92C**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **806DFF**, and **000ABE** is the 20% darker color. If you saturate the color by 10%, you get **1324F8**, and if you desaturate by 10%, it is **4552F8**.

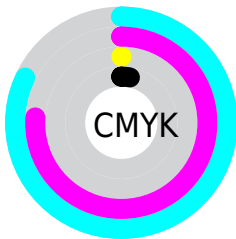
Distribution



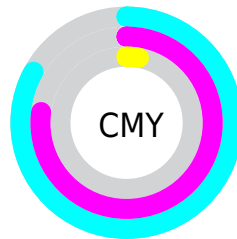
- Red (17%)
- Green (23%)
- Blue (97%)



- Red (17%)
- Yellow (23%)
- Blue (97%)



- Cyan (82%)
- Magenta (76%)
- Yellow (0%)
- Black (3%)



- Cyan (83%)
- Magenta (77%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C3BF8 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 2C3BF8 by changing the saturation by 10% instead.

 2C3BF8

 2C3BF8

FFFFFF

 0023DB

 806DFF

 000ABE

 A187FF

 0000A2

 C2A2FF

 000087

 E2BDFF

 000B6C

 FFDAFF

 000B53

 FFF6FF

 00063A

 000224

 00000C

■ 2C3BF8

■ 2C3BF8

■ 1324F8

■ 4552F8

■ 0012F8

■ 5E69F8

■ 7680F8

■ 8F97F8

■ A8AEF8

■ C1C5F8

■ DADCF8

■ F2F3F8

■ FFFFF8

Harmonies

Analogous

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



0069FF



2C3BF8



C300B0

Triad

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



2C3BF8



AD2A00



007861

Complementary

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



2C3BF8



F8E92C

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.



007500



2C3BF8



695B00

Square

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



2C3BF8



DC0000



006E00



007ABC

Rectangle

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



2C3BF8



E30076



006E00



007741

Sweetspot

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



2C3BF8



BFC4FF



2CF8E7



595C80



000000



808080

Same Dimension

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



2C3BF8



0315FF



812CF8



70717D



000EBD



00053D

Inverse Universe

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



F82C3B



FF0315



A3F82C



7D7071



BD000E



3D0005

Previews

White Background



This preview shows how the Hex color 2C3BF8 looks on a white background.

Color Contrast Check

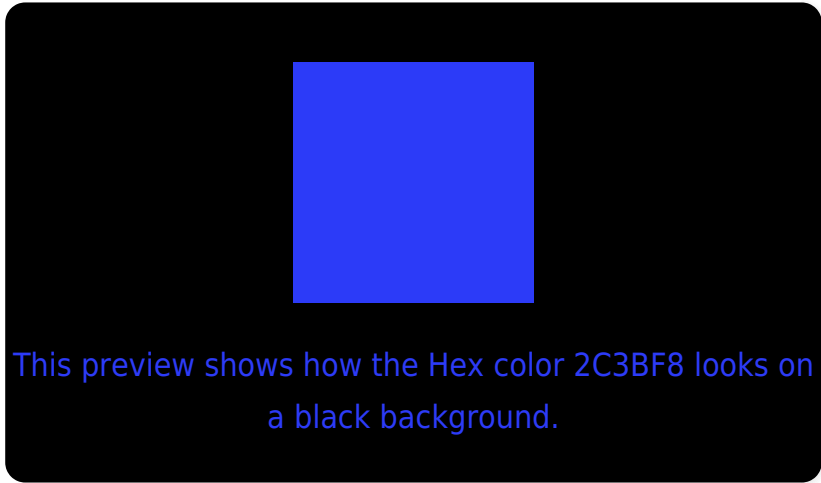
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

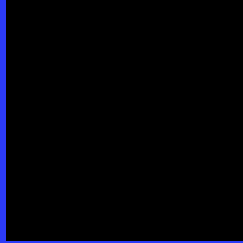
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 2C3BF8 Background



This preview shows how black text looks on a background with the Hex color 2C3BF8.



This preview shows how white text looks on a background with the Hex color 2C3BF8.

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
006469

Trichromacy



Original Color
2C3BF8

Protanomaly
104DCE

Deuteranomaly
1051BD

Tritanomaly
10559D

Monochromacy



Original Color
2C3BF8

Achromatopsia
4C4C4C

Achromatomaly
40468B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C3BF8 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 #2C3BF8 looks like.

```
.text, #text, p{  
    color:#2C3BF8  
}
```

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 #2C3BF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3BF8
}
```

Border

The CSS property to change the border of an element to Hex 2C3BF8 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
#2C3BF8 }
```

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

```
.border{ border-color:#2C3BF8 }
```

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

Here you see how a box with a 4 pixel #2C3BF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3BF8; -webkit-box-shadow:4px 4px  
4px 4px #2C3BF8; box-shadow:4px 4px 4px  
4px #2C3BF8 }
```

Background

The CSS property to change the background color of an element to Hex 2C3BF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3BF8 }
```

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

```
.background{ background-color:#2C3BF8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor