

Converting Colors

Hex(293BEF)

Have a look what the booklet for
Hex(293BEF) contains.

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Color

Hex(293BEF)

Conversions

Conversions Part 1

Format	Color
Hex	293BEF
RGB	41, 59, 239
RGB Percent	16%, 23%, 94%
CMY	0.8392, 0.7686, 0.0627
CMYK	0.83, 0.75, 0.00, 0.06
HSL	235°, 86%, 55%
HSV	235°, 83%, 94%
XYZ	18.0584, 9.8313, 82.6072
YIQ	74.1380, -68.5080, 52.1640

Conversions

Conversions Part 2

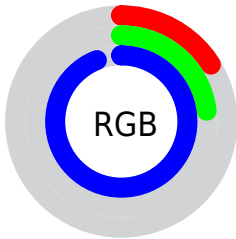
Format	Color
R _Y B	41, 58, 239
Decimal	2702319
CIE Lab	37.54, 56.67, -90.10
CIE LCh	38, 106.445, 302.170
Yxy	9.8313, 0.1634, 0.0890
Android (android.graphics.Color)	4280892399 (0xFF293BEF)
YUV	74.1380, 81.2770, -29.0620
Hunter-Lab	31.3550, 47.9331, -134.2558

Details

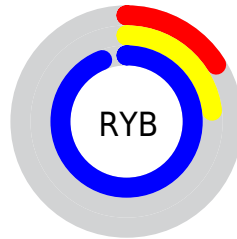
The Hex color **293BEF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **EFDD29**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7C6CFF**, and **000CB5** is the 20% darker color. If you saturate the color by 10%, you get **1125EF**, and if you desaturate by 10%, it is **4151EF**.

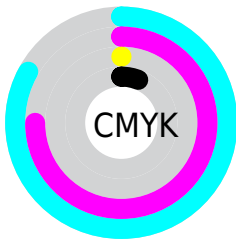
Distribution



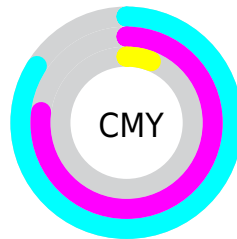
- Red (16%)
- Green (23%)
- Blue (94%)



- Red (16%)
- Yellow (23%)
- Blue (94%)



- Cyan (83%)
- Magenta (75%)
- Yellow (0%)
- Black (6%)



- Cyan (84%)
- Magenta (77%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 293BEF 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 293BEF by changing the saturation by 10% instead.

 293BEF

 293BEF

FFFFFF

 0023D2

 7C6CFF

 000CB5

 9D86FF

 00009A

 BEA1FF

 00007F

 DDBDFF

 000E64

 FDD9FF

 00094B

 FFF5FF

 000434

 00021E

 000000

■ 293BEF

■ 293BEF

■ 1125EF

■ 4151EF

■ 0016EF

■ 5966EF

■ 717CEF

■ 8992EF

■ A0A8EF

■ B8BDEF

■ D0D3EF

■ E8E9EF

■ FFFFEF

Harmonies

Analogous

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



0066FF



293BEF



BB00AB

Triad

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



293BEF



A82900



00745D

Complementary

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



293BEF



EFDD29

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.



007100



293BEF



675800

Square

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



293BEF



D40000



006A00



0076B4

Rectangle

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



293BEF



DA0073



006A00



00733E

Sweetspot

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



293BEF



BFC5FF



29EFDB



595D80



000000



808080

Same Dimension

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



293BEF



0319FF



7829EF



6C6D78



0011B8



000538

Inverse Universe

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



EF293B



FF0319



A0EF29



786C6D



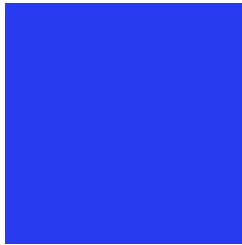
B80011



380005

Previews

White Background



This preview shows how the Hex color 293BEF looks on a white background.

Color Contrast Check

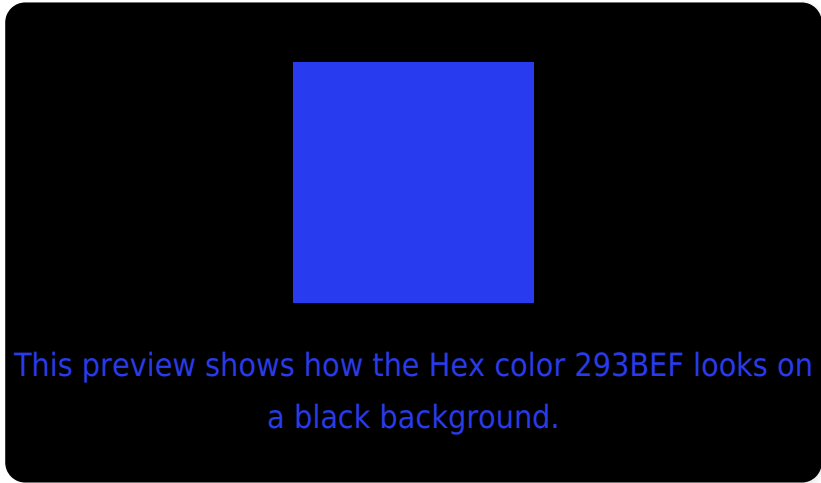
Large Text (above 18pt) WCAG AA ✓ Pass

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

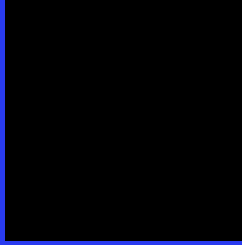
Any Text WCAG AA × Fail

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 293BEF Background



This preview shows how black text looks on a background with the Hex color 293BEF.

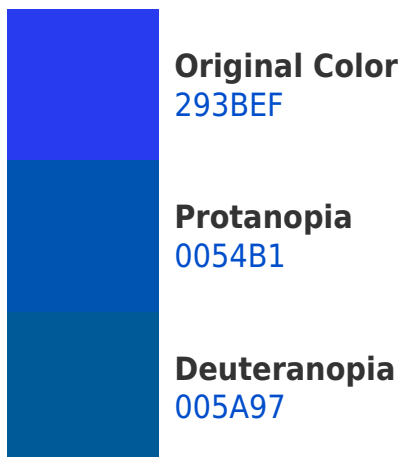


This preview shows how white text looks on a background with the Hex color 293BEF.

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
006166

Trichromacy



Original Color
293BEF

Protanomaly
0F4BC8

Deuteranomaly
0F4FB7

Tritanomaly
0F5398

Monochromacy



Original Color
293BEF

Achromatopsia
4A4A4A

Achromatomaly
3E4586

CSS Examples

Text

The CSS property to change the color of the text to Hex 293BEF 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 #293BEF looks like.

```
.text, #text, p{  
    color:#293BEF  
}
```

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 #293BEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #293BEF
}
```

Border

The CSS property to change the border of an element to Hex 293BEF 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
#293BEF }
```

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

```
.border{ border-color:#293BEF }
```

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

Here you see how a box with a 4 pixel #293BEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #293BEF; -webkit-box-shadow:4px 4px  
4px 4px #293BEF; box-shadow:4px 4px 4px  
4px #293BEF }
```

Background

The CSS property to change the background color of an element to Hex 293BEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#293BEF }
```

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

```
.background{ background-color:#293BEF }
```

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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