

Converting Colors

Hex(B59EF2)

Have a look what the booklet for
Hex(B59EF2) contains.

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Color

Hex(B59EF2)

Conversions

Conversions Part 1

Format	Color
Hex	B59EF2
RGB	181, 158, 242
RGB Percent	71%, 62%, 95%
CMY	0.2902, 0.3804, 0.0510
CMYK	0.25, 0.35, 0.00, 0.05
HSL	256°, 76%, 78%
HSV	256°, 35%, 95%
XYZ	47.3099, 40.6883, 89.3645
YIQ	174.4530, -13.2560, 31.0000

Conversions

Conversions Part 2

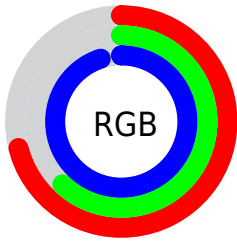
Format	Color
RYB	181, 158, 242
Decimal	11902706
CIELab	69.96, 25.75, -39.05
CIELCh	70, 46.778, 303.400
Yxy	40.6883, 0.2667, 0.2294
Android (android.graphics.Color)	4290092786 (0xFFB59EF2)
YUV	174.4530, 33.3007, 5.7417
Hunter-Lab	63.7874, 20.7623, -38.4127

Details

The Hex color **B59EF2** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DBF29E**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **EED5FF**, and **7E6AB9** is the 20% darker color. If you saturate the color by 10%, you get **A386F2**, and if you desaturate by 10%, it is **C7B6F2**.

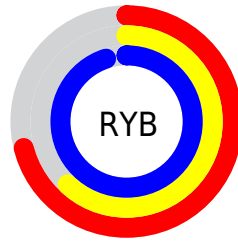
Distribution



Red (71%)

Green (62%)

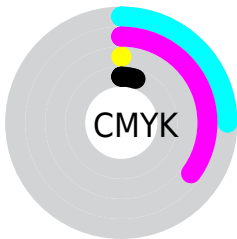
Blue (95%)



Red (71%)

Yellow (62%)

Blue (95%)

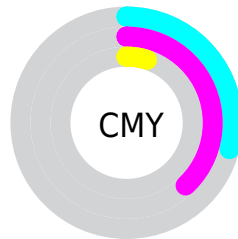


Cyan (25%)

Magenta (35%)

Yellow (0%)

Black (5%)



Cyan (29%)

Magenta (38%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color B59EF2 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 B59EF2 by changing the saturation by 10% instead.

 B59EF2

 B59EF2

FFFFFF

 9984D5

 EED5FF

 7E6AB9

 FFF1FF

 64529E

 4A3B84

 30256A

 141052

 01003A

 000224

 00000B

 B59EF2

 B59EF2

 A386F2

 C7B6F2

 926EF2

 D8CEF2

 8055F2

 EAE7F2

 6F3DF2

 FBFFF2

 5D25F2

 FFFFF2

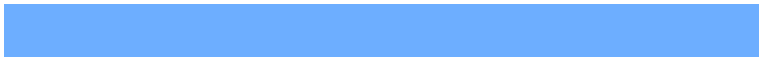
 4C0DF2

 4200F2

Harmonies

Analogous

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



6DAEFF



B59EF2



E48FD2

Triad

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



B59EF2



E39B5F



00C1AF

Complementary

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



B59EF2



DBF29E

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.



5DBE83



B59EF2



C0AA54

Square

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



B59EF2



F88D7E



94B662



00C0D8

Rectangle

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



B59EF2



F589B6



94B662



21C0A0

Sweetspot

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



B59EF2



ECE6FF



9EDCF2



747080



000000



808080

Same Dimension

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



B59EF2



B194FF



DE9EF2



6F6C78



3200B8



0F0038

Inverse Universe

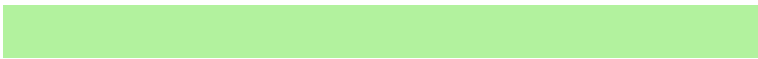
The Inverse Universe completely reimagines the original color for something new.



F29EDB



FF94E2



B2F29E



786C75



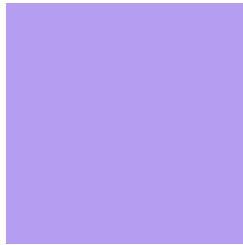
B80085



380029

Previews

White Background



This preview shows how the Hex color B59EF2 looks on a white background.

Color Contrast Check

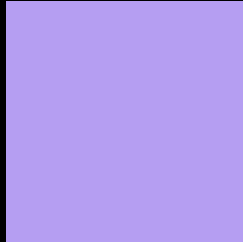
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B59EF2 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 ✓ Pass

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

Hex B59EF2 Background



This preview shows how black text looks on a background with the Hex color B59EF2.

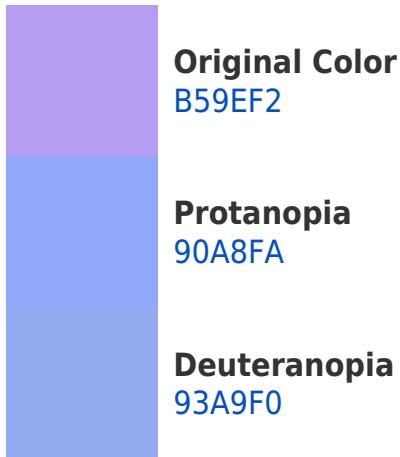


This preview shows how white text looks on a background with the Hex color B59EF2.

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](#).

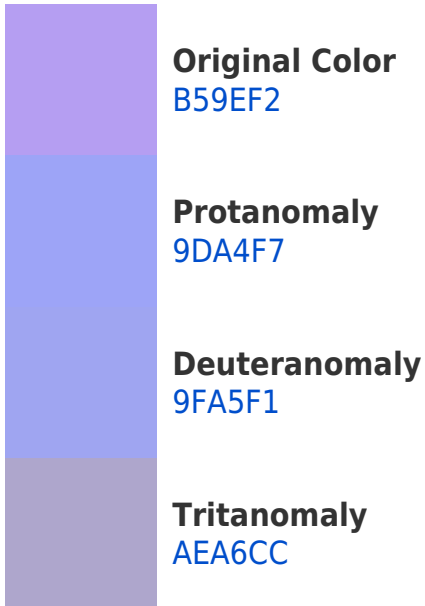
Dichromacy



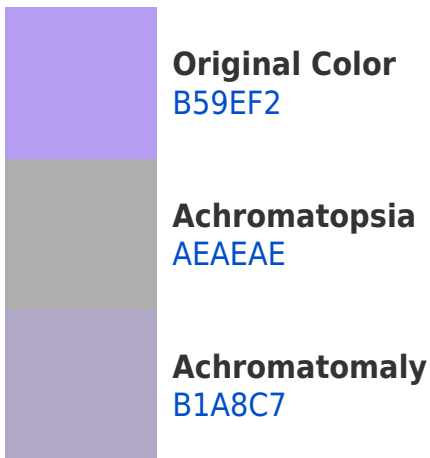


Tritanopia
AAAAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B59EF2 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 #B59EF2 looks like.

```
.text, #text, p{  
    color:#B59EF2  
}
```

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 #B59EF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B59EF2
}
```

Border

The CSS property to change the border of an element to Hex B59EF2 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
#B59EF2 }
```

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

```
.border{ border-color:#B59EF2 }
```

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

Here you see how a box with a 4 pixel #B59EF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B59EF2; -webkit-box-shadow:4px 4px  
4px 4px #B59EF2; box-shadow:4px 4px 4px  
4px #B59EF2 }
```

Background

The CSS property to change the background color of an element to Hex B59EF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B59EF2 }
```

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

```
.background{ background-color:#B59EF2 }
```

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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