

Converting Colors

Hex(B958F2)

Have a look what the booklet for
Hex(B958F2) contains.

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Color

Hex(B958F2)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B958F2 |
| RGB | 185, 88, 242 |
| RGB Percent | 73%, 35%, 95% |
| CMY | 0.2745, 0.6549, 0.0510 |
| CMYK | 0.24, 0.64, 0.00, 0.05 |
| HSL | 278°, 86%, 65% |
| HSV | 278°, 64%, 95% |
| XYZ | 39.5243, 23.7045, 86.4967 |
| YIQ | 134.5590, 8.3780, 68.4580 |

Conversions

Conversions Part 2

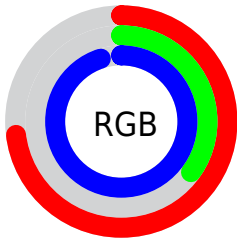
| Format | Color |
|-------------------------------------|--|
| RYB | 185, 88, 242 |
| Decimal | 12146930 |
| CIELab | 55.79, 63.76, -61.45 |
| CIELCh | 56, 88.554, 316.056 |
| Yxy | 23.7045, 0.2640, 0.1583 |
| Android (android.graphics.Color) | 4290337010 (0xFFB958F2) |
| YUV | 134.5590, 52.9684, 44.2368 |
| Hunter-Lab | 48.6873, 59.7034, -71.2520 |

Details

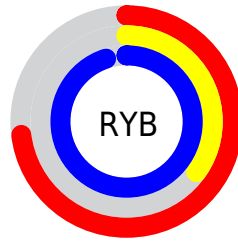
The Hex color **B958F2** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **91F258**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **F48FFF**, and **7F1DB9** is the 20% darker color. If you saturate the color by 10%, you get **B040F2**, and if you desaturate by 10%, it is **C270F2**.

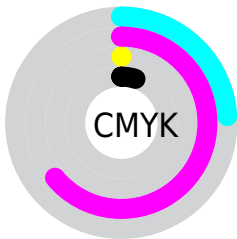
Distribution



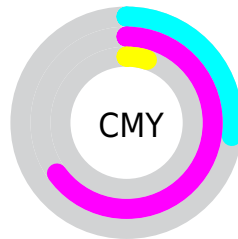
- Red (73%)
- Green (35%)
- Blue (95%)



- Red (73%)
- Yellow (35%)
- Blue (95%)



- Cyan (24%)
- Magenta (64%)
- Yellow (0%)
- Black (5%)



- Cyan (27%)
- Magenta (65%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color B958F2 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 B958F2 by changing the saturation by 10% instead.

 B958F2

 B958F2

FFFFFF

 9C3CD5

 F48FFF

 7F1DB9

 FFABFF

 63009D

 FFC8FF

 460083

 FFE5FF

 280069

 000050

 000337

 000221

 000006

 B958F2

 B958F2

 B040F2

 C270F2

 A728F2

 CB88F2

 9E0FF2

 D4A1F2

 9800F2

 DDB9F2

 E6D1F2

 EFE9F2

 F8FFF2

 FFFFF2

Harmonies

Analogous

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



0082FF



B958F2



F913AD

Triad

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



B958F2



BF7500



00A6AE

Complementary

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



B958F2



91F258

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.



00A35E



B958F2



7C8F00

Square

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



B958F2



F14B0E



009D00



00A4F4

Rectangle

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



B958F2



FF007A



009D00



00A594

Sweetspot

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



B958F2



EDCFFF



5893F2



756280



000000



808080

Same Dimension

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



B958F2



B73DFF



F258E0



736C78



7400B8



230038

Inverse Universe

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



F25891



FF3D85



58F26A



786C70



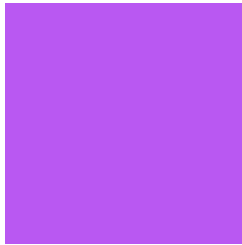
B80044



380015

Previews

White Background



This preview shows how the Hex color B958F2 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

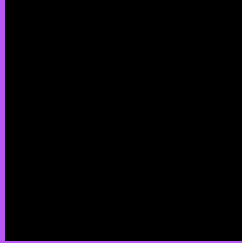
Any Text WCAG AA ✓ Pass

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 B958F2 Background



This preview shows how black text looks on a background with the Hex color B958F2.



This preview shows how white text looks on a background with the Hex color B958F2.

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](#).

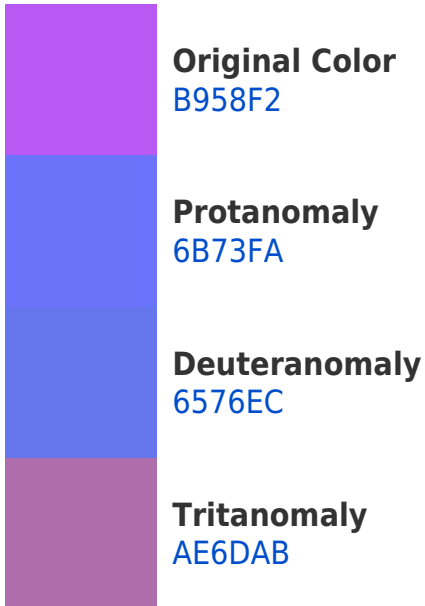
Dichromacy



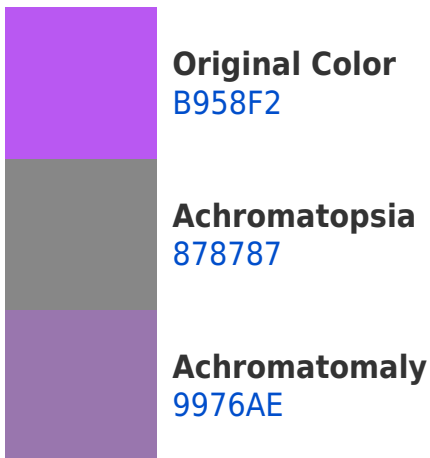


Tritanopia
A77982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B958F2 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 #B958F2 looks like.

```
.text, #text, p{  
    color:#B958F2  
}
```

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 #B958F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B958F2
}
```

Border

The CSS property to change the border of an element to Hex B958F2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

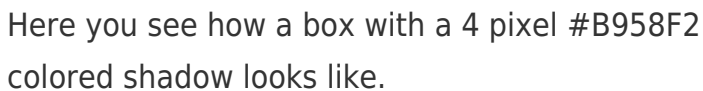
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B958F2 }
```

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

```
.border{ border-color:#B958F2 }
```

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



Here you see how a box with a 4 pixel #B958F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B958F2; -webkit-box-shadow:4px 4px  
4px 4px #B958F2; box-shadow:4px 4px 4px  
4px #B958F2 }
```

Background

The CSS property to change the background color of an element to Hex B958F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B958F2 }
```

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

```
.background{ background-color:#B958F2 }
```

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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