

Converting Colors

Hex(B559E1)

Have a look what the booklet for
Hex(B559E1) contains.

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Color

Hex(B559E1)

Conversions

Conversions Part 1

Format	Color
Hex	B559E1
RGB	181, 89, 225
RGB Percent	71%, 35%, 88%
CMY	0.2902, 0.6510, 0.1176
CMYK	0.20, 0.60, 0.00, 0.12
HSL	281°, 69%, 62%
HSV	281°, 60%, 88%
XYZ	36.2190, 22.4048, 73.6498
YIQ	132.0120, 11.1760, 61.8000

Conversions

Conversions Part 2

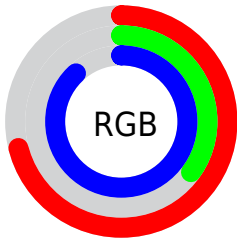
Format	Color
RYB	181, 89, 225
Decimal	11885025
CIELab	54.45, 58.82, -54.09
CIELCh	54, 79.907, 317.396
Yxy	22.4048, 0.2738, 0.1694
Android (android.graphics.Color)	4290075105 (0xFFB559E1)
YUV	132.0120, 45.8431, 42.9625
Hunter-Lab	47.3337, 53.7517, -59.1199

Details

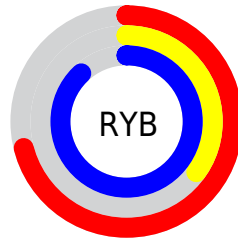
The Hex color **B559E1** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **85E159**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **F08FFF**, and **7C21A9** is the 20% darker color. If you saturate the color by 10%, you get **AE43E1**, and if you desaturate by 10%, it is **BC6FE1**.

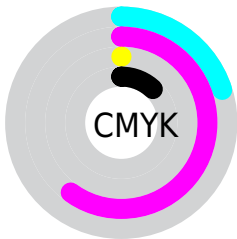
Distribution



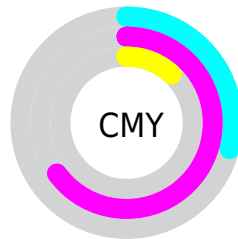
- Red (71%)
- Green (35%)
- Blue (88%)



- Red (71%)
- Yellow (35%)
- Blue (88%)



- Cyan (20%)
- Magenta (60%)
- Yellow (0%)
- Black (12%)



- Cyan (29%)
- Magenta (65%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color B559E1 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 B559E1 by changing the saturation by 10% instead.

 B559E1

 B559E1

FFFFFF

 983EC5

 F08FFF

 7C21A9

 FFABFF

 61008E

 FFC8FF

 450074

 FFE4FF

 29005A

 070042

 00032B

 000115

 000000

 B559E1

 B559E1

 AE43E1

 BC6FE1

 A62CE1

 C486E1

 9F16E1

 CB9DE1

 9800E1

 D2B3E1

 D9CAE1

 E1E0E1

 E8F7E1

 EFFF E1

 F7FFE1

Harmonies

Analogous

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



007DFF



B559E1



ED2DA2

Triad

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



B559E1



B67500



00A0AA

Complementary

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



B559E1



85E159

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.



009E62



B559E1



788B00

Square

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



B559E1



E35218



00980E



009DE8

Rectangle

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



B559E1



F92074



00980E



00A092

Sweetspot

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



B559E1



F0D1FF



5986E1



766380



000000



808080

Same Dimension

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



B559E1



C345FF



E159CA



6D6570



7700B0



210030

Inverse Universe

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



E15985



FF4581



59E170



706569



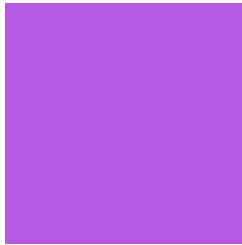
B00039



300010

Previews

White Background



This preview shows how the Hex color B559E1 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

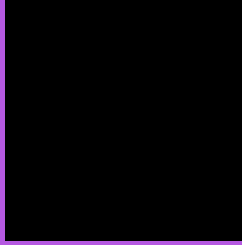
Any Text WCAG AA ✓ Pass

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 B559E1 Background



This preview shows how black text looks on a background with the Hex color B559E1.

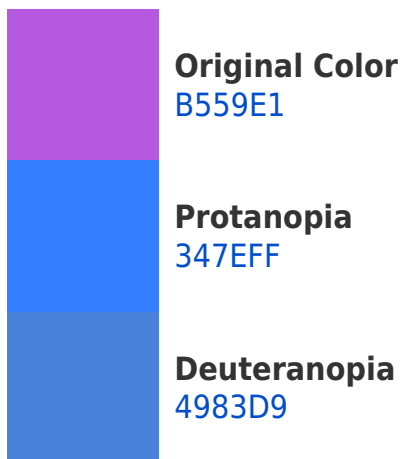


This preview shows how white text looks on a background with the Hex color B559E1.

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](#).

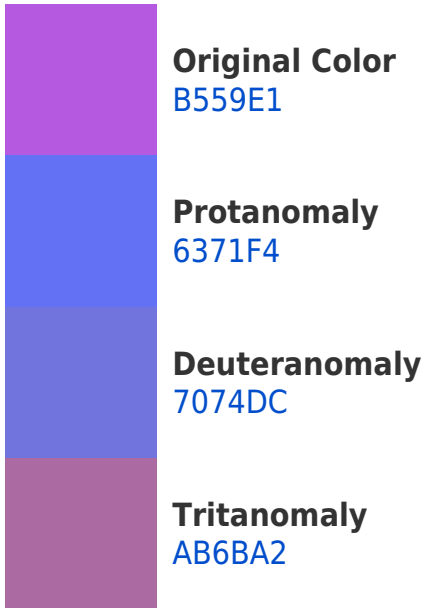
Dichromacy



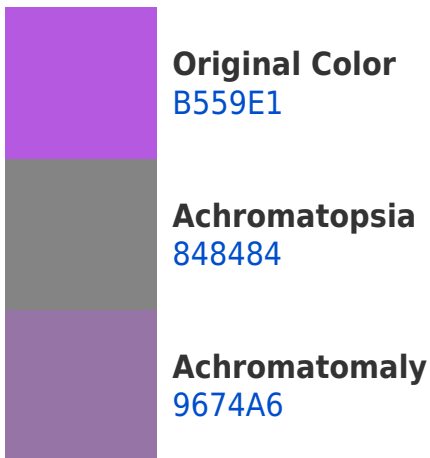


Tritanopia
A6757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B559E1 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 #B559E1 looks like.

```
.text, #text, p{  
    color:#B559E1  
}
```

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 #B559E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B559E1
}
```

Border

The CSS property to change the border of an element to Hex B559E1 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
#B559E1 }
```

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

```
.border{ border-color:#B559E1 }
```

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

Here you see how a box with a 4 pixel #B559E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B559E1; -webkit-box-shadow:4px 4px  
4px 4px #B559E1; box-shadow:4px 4px 4px  
4px #B559E1 }
```

Background

The CSS property to change the background color of an element to Hex B559E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B559E1 }
```

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

```
.background{ background-color:#B559E1 }
```

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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