

Converting Colors

Hex(BE51E6)

Have a look what the booklet for
Hex(BE51E6) contains.

Hex(BE51E6)	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(BE51E6)

Conversions

Conversions Part 1

Format	Color
Hex	BE51E6
RGB	190, 81, 230
RGB Percent	75%, 32%, 90%
CMY	0.2549, 0.6824, 0.0980
CMYK	0.17, 0.65, 0.00, 0.10
HSL	284°, 75%, 61%
HSV	284°, 65%, 90%
XYZ	38.4606, 22.5452, 77.1875
YIQ	130.5770, 17.1350, 69.4470

Conversions

Conversions Part 2

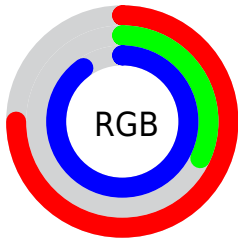
Format	Color
R _Y B	190, 81, 230
Decimal	12472806
CIE Lab	54.60, 65.51, -56.61
CIE LCh	55, 86.578, 319.171
Yxy	22.5452, 0.2783, 0.1631
Android (android.graphics.Color)	4290662886 (0xFFBE51E6)
YUV	130.5770, 49.0155, 52.1140
Hunter-Lab	47.4818, 61.4932, -63.1460

Details

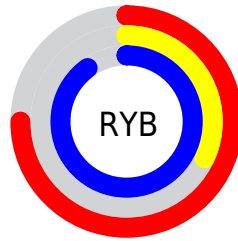
The Hex color **BE51E6** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **79E651**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **F989FF**, and **840EAE** is the 20% darker color. If you saturate the color by 10%, you get **B83AE6**, and if you desaturate by 10%, it is **C468E6**.

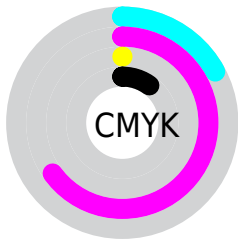
Distribution



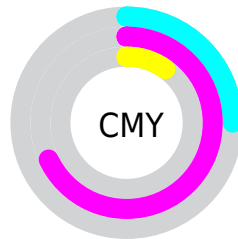
- Red (75%)
- Green (32%)
- Blue (90%)



- Red (75%)
- Yellow (32%)
- Blue (90%)



- Cyan (17%)
- Magenta (65%)
- Yellow (0%)
- Black (10%)



- Cyan (25%)
- Magenta (68%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color BE51E6 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 BE51E6 by changing the saturation by 10% instead.

 BE51E6

 BE51E6

FFFFFF

 A134C9

 F989FF

 840EAE

 FFA5FF

 680092

 FFC2FF

 4C0078

 FFDFFF

 30005E

 FFCCFF

 110046

 00042E

 000119

 000000

 BE51E6

 BE51E6

 B83AE6

 C468E6

 B223E6

 CA7FE6

 AB0CE6

 D196E6

 A800E6

 D7ADE6

 DDC4E6

 E3DBE6

 E9F2E6

 EFFF66

 F6FFE6

Harmonies

Analogous

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



007BFF



BE51E6



F70AA1

Triad

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



BE51E6



B57600



00A2B2

Complementary

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



BE51E6



79E651

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.



00A064



BE51E6



718E00

Square

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



BE51E6



E74F00



009A00



009FF4

Rectangle

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



BE51E6



FF006F



009A00



00A299

Sweetspot

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



BE51E6



F2CFFF



517BE6



786280



000000



808080

Same Dimension

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



BE51E6



CA38FF



E651C6



706773



8300B3



250033

Inverse Universe

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



E65179



FF386D



51E671



73676A



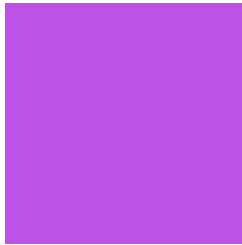
B30030



33000E

Previews

White Background



This preview shows how the Hex color BE51E6 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

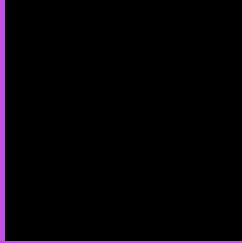
Any Text WCAG AA ✓ Pass

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 BE51E6 Background



This preview shows how black text looks on a background with the Hex color BE51E6.

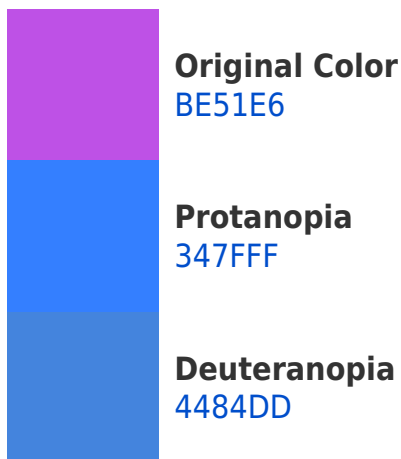


This preview shows how white text looks on a background with the Hex color BE51E6.

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



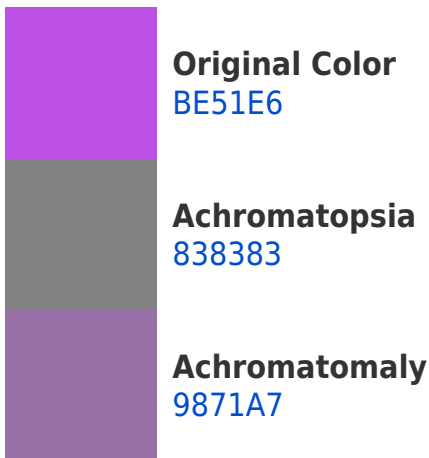


Tritanopia
AE727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BE51E6 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 #BE51E6 looks like.

```
.text, #text, p{  
    color:#BE51E6  
}
```

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 #BE51E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE51E6
}
```

Border

The CSS property to change the border of an element to Hex BE51E6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

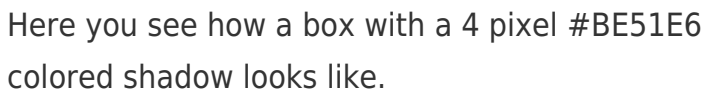
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE51E6 }
```

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

```
.border{ border-color:#BE51E6 }
```

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



Here you see how a box with a 4 pixel #BE51E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE51E6; -webkit-box-shadow:4px 4px  
4px 4px #BE51E6; box-shadow:4px 4px 4px  
4px #BE51E6 }
```

Background

The CSS property to change the background color of an element to Hex BE51E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE51E6 }
```

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

```
.background{ background-color:#BE51E6 }
```

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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