

Converting Colors

Hex(B550E7)

Have a look what the booklet for
Hex(B550E7) contains.

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Color

Hex(B550E7)

Conversions

Conversions Part 1

Format	Color
Hex	B550E7
RGB	181, 80, 231
RGB Percent	71%, 31%, 91%
CMY	0.2902, 0.6863, 0.0941
CMYK	0.22, 0.65, 0.00, 0.09
HSL	280°, 76%, 61%
HSV	280°, 65%, 91%
XYZ	36.3485, 21.3306, 77.8027
YIQ	127.4130, 11.7250, 68.3730

Conversions

Conversions Part 2

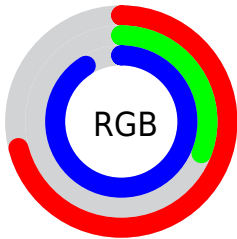
Format	Color
R _Y B	181, 80, 231
Decimal	11882727
CIE Lab	53.31, 64.18, -59.30
CIE LCh	53, 87.384, 317.261
Yxy	21.3306, 0.2683, 0.1574
Android (android.graphics.Color)	4290072807 (0xFFB550E7)
YUV	127.4130, 51.0684, 46.9958
Hunter-Lab	46.1851, 59.6590, -67.5496

Details

The Hex color **B550E7** 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 **82E750**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **F087FF**, and **7C0FAE** is the 20% darker color. If you saturate the color by 10%, you get **AD39E7**, and if you desaturate by 10%, it is **BD67E7**.

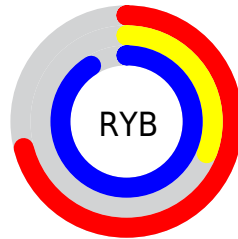
Distribution



Red (71%)

Green (31%)

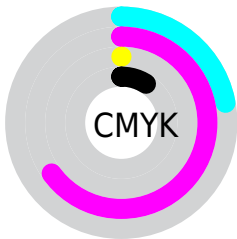
Blue (91%)



Red (71%)

Yellow (31%)

Blue (91%)

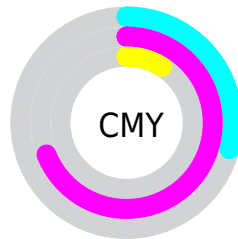


Cyan (22%)

Magenta (65%)

Yellow (0%)

Black (9%)



Cyan (29%)

Magenta (69%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color B550E7 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 B550E7 by changing the saturation by 10% instead.

 B550E7

 B550E7

FFFFFF

 9833CA

 F087FF

 7C0FAE

 FFA3FF

 5F0093

 FFC0FF

 430079

 FFDDFF

 26005F

 FFFAFF

 000046

 00042F

 000119

 000000

 B550E7

 B550E7

 AD39E7

 BD67E7

 A622E7

 C47EE7

 9E0BE7

 CC95E7

 9B00E7

 D4ACE7

 DBC4E7

 E3DBE7

 EBF2E7

 F2FFE7

 FAFEE7

Harmonies

Analogous

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



007AFF



B550E7



F200A3

Triad

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



B550E7



B57000



009EAA

Complementary

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



B550E7



82E750

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.



009C5B



B550E7



728900

Square

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



B550E7



E64701



009600



009CEE

Rectangle

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



B550E7



FF0071



009600



009E90

Sweetspot

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



B550E7



EECCFF



5082E7



756180



000000



808080

Same Dimension

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



B550E7



BD38FF



E750CE



6F6773



7700B3



220033

Inverse Universe

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



E75082



FF387A



50E769



73676B



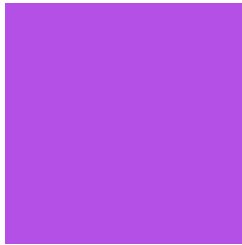
B3003B



330011

Previews

White Background



This preview shows how the Hex color B550E7 looks on a white background.

Color Contrast Check

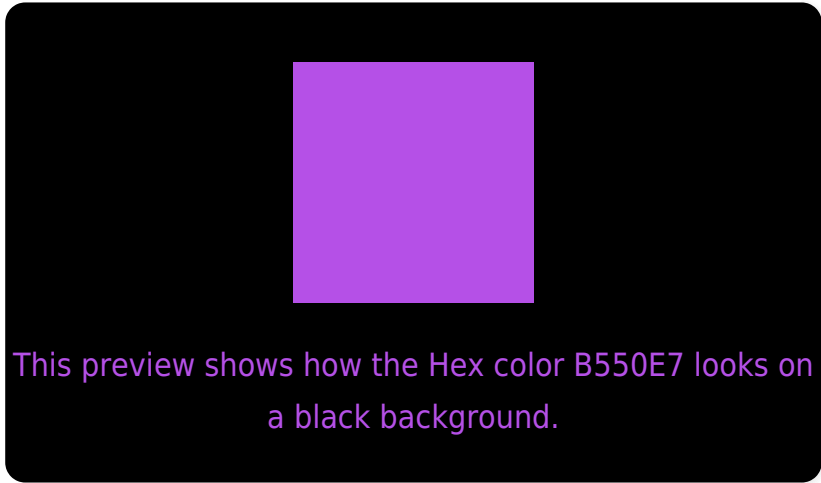
Large Text (above 18pt) WCAG AA ✓ Pass

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

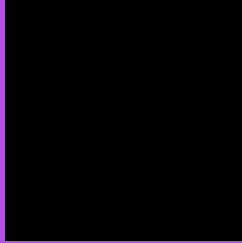
Any Text WCAG AA ✓ Pass

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 B550E7 Background



This preview shows how black text looks on a background with the Hex color B550E7.

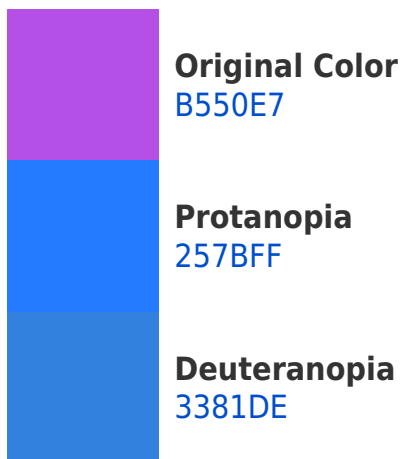


This preview shows how white text looks on a background with the Hex color B550E7.

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](#).

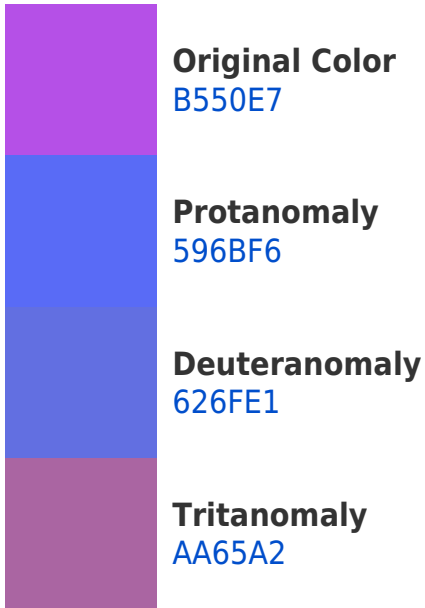
Dichromacy



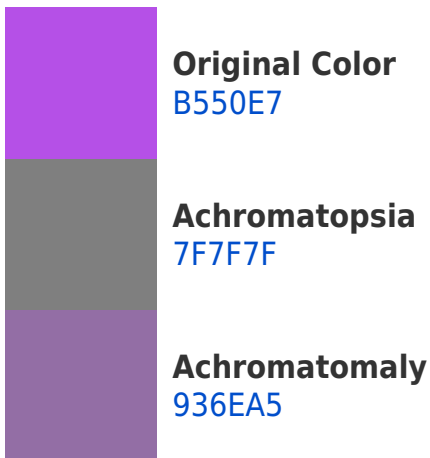


Tritanopia
A4717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B550E7 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 #B550E7 looks like.

```
.text, #text, p{  
    color:#B550E7  
}
```

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 #B550E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B550E7
}
```

Border

The CSS property to change the border of an element to Hex B550E7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

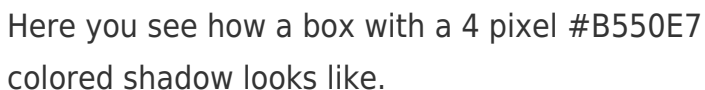
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B550E7 }
```

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

```
.border{ border-color:#B550E7 }
```

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



Here you see how a box with a 4 pixel #B550E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B550E7; -webkit-box-shadow:4px 4px  
4px 4px #B550E7; box-shadow:4px 4px 4px  
4px #B550E7 }
```

Background

The CSS property to change the background color of an element to Hex B550E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B550E7 }
```

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

```
.background{ background-color:#B550E7 }
```

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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