

Converting Colors

Hex(B650D7)

Have a look what the booklet for
Hex(B650D7) contains.

Hex(B650D7)	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(**B650D7**)

Conversions

Conversions Part 1

Format	Color
Hex	B650D7
RGB	182, 80, 215
RGB Percent	71%, 31%, 84%
CMY	0.2863, 0.6863, 0.1569
CMYK	0.15, 0.63, 0.00, 0.16
HSL	285°, 63%, 58%
HSV	285°, 63%, 84%
XYZ	34.4258, 20.5887, 66.4496
YIQ	125.8880, 17.4570, 63.6090

Conversions

Conversions Part 2

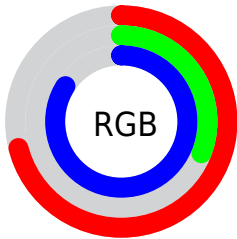
Format	Color
RYB	182, 80, 215
Decimal	11948247
CIELab	52.50, 61.17, -51.55
CIElCh	52, 79.992, 319.879
Yxy	20.5887, 0.2834, 0.1695
Android (android.graphics.Color)	4290138327 (0xFFB650D7)
YUV	125.8880, 43.9322, 49.2102
Hunter-Lab	45.3748, 56.0220, -55.0655

Details

The Hex color **B650D7** 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 **71D750**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **F187FF**, and **7D119F** is the 20% darker color. If you saturate the color by 10%, you get **B13BD7**, and if you desaturate by 10%, it is **BB66D7**.

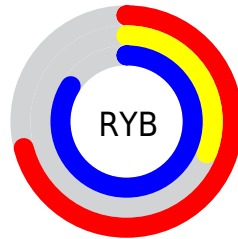
Distribution



Red (71%)

Green (31%)

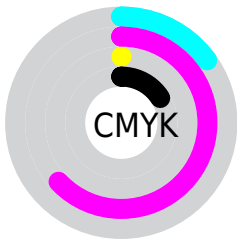
Blue (84%)



Red (71%)

Yellow (31%)

Blue (84%)

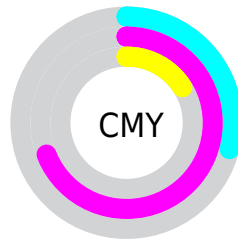


Cyan (15%)

Magenta (63%)

Yellow (0%)

Black (16%)



Cyan (29%)

Magenta (69%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color B650D7 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 B650D7 by changing the saturation by 10% instead.

 B650D7

 B650D7

FFFFFF

 9934BB

 F187FF

 7D119F

 FFA3FF

 620085

 FFBFFF

 46006B

 FFDCFF

 2C0052

 FFF9FF

 0A003A

 000223

 00000A

 000000

 B650D7

 B650D7

 B13BD7

 BB66D7

 AB25D7

 C17BD7

 A610D7

 C691D7

 A200D7

 CBA6D7

 D0BCD7

 D6D1D7

 DBE7D7

 E0FCD7

 E5FFD7

Harmonies

Analogous

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



2676FF



B650D7



E91F98

Triad

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



B650D7



AB7200



009AAA

Complementary

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



B650D7



71D750

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.



009963



B650D7



6D8800

Square

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



B650D7



DA5007



009312



0098E6

Rectangle

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



B650D7



F3146A



009312



009A93

Sweetspot

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



B650D7



F3CFFF



5072D7



786280



000000



808080

Same Dimension

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



B650D7



D040FF



D750B5



68606B



8100AB



21002B

Inverse Universe

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



D75071



FF406F



50D772



6B6063



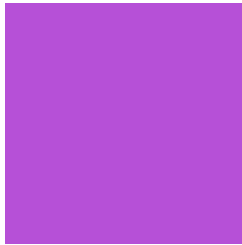
AB002A



2B000B

Previews

White Background



This preview shows how the Hex color B650D7 looks on a white background.

Color Contrast Check

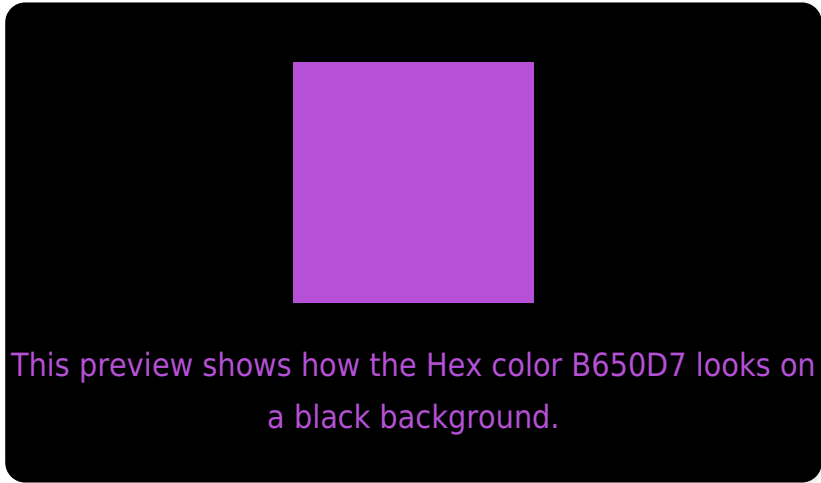
Large Text (above 18pt) WCAG AA ✓ Pass

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

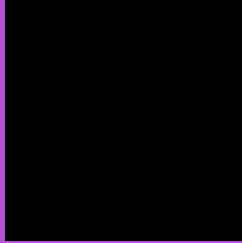
Any Text WCAG AA ✓ Pass

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 B650D7 Background



This preview shows how black text looks on a background with the Hex color B650D7.

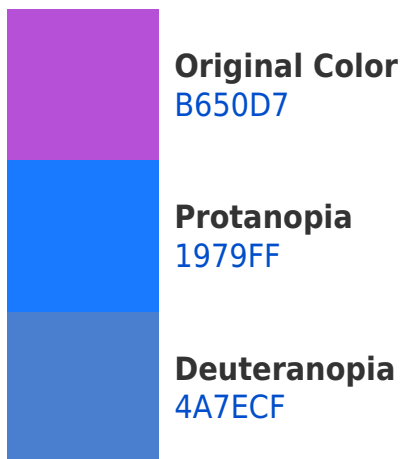



This preview shows how white text looks on a background with the Hex color B650D7.

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
A86D75

Trichromacy



Original Color
B650D7



Protanomaly
526AF0



Deuteranomaly
716DD2



Tritanomaly
AD6299

Monochromacy



Original Color
B650D7



Achromatopsia
7E7E7E



Achromatomaly
926D9E

CSS Examples

Text

The CSS property to change the color of the text to Hex B650D7 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 #B650D7 looks like.

```
.text, #text, p{  
    color:#B650D7  
}
```

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 #B650D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B650D7
}
```

Border

The CSS property to change the border of an element to Hex B650D7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

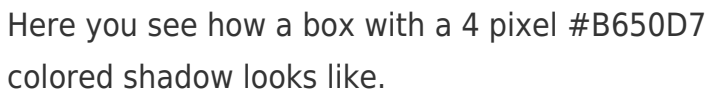
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B650D7 }
```

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

```
.border{ border-color:#B650D7 }
```

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



Here you see how a box with a 4 pixel #B650D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B650D7; -webkit-box-shadow:4px 4px  
4px 4px #B650D7; box-shadow:4px 4px 4px  
4px #B650D7 }
```

Background

The CSS property to change the background color of an element to Hex B650D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B650D7 }
```

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

```
.background{ background-color:#B650D7 }
```

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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