

Converting Colors

Hex(B762E3)

Have a look what the booklet for
Hex(B762E3) contains.

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Color

Hex(B762E3)

Conversions

Conversions Part 1

Format	Color
Hex	B762E3
RGB	183, 98, 227
RGB Percent	72%, 38%, 89%
CMY	0.2824, 0.6157, 0.1098
CMYK	0.19, 0.57, 0.00, 0.11
HSL	280°, 70%, 64%
HSV	280°, 57%, 89%
XYZ	37.7612, 24.3487, 75.3826
YIQ	138.1210, 9.2510, 58.1390

Conversions

Conversions Part 2

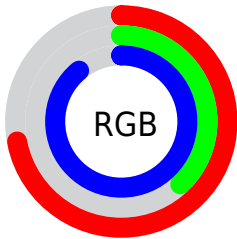
Format	Color
R _Y B	183, 98, 227
Decimal	12018403
CIE Lab	56.44, 55.35, -52.04
CIE LCh	56, 75.972, 316.764
Yxy	24.3487, 0.2746, 0.1771
Android (android.graphics.Color)	4290208483 (0xFFB762E3)
YUV	138.1210, 43.8173, 39.3589
Hunter-Lab	49.3444, 50.2461, -56.0352

Details

The Hex color **B762E3** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **8EE362**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **F198FF**, and **7F2CAB** is the 20% darker color. If you saturate the color by 10%, you get **AF4BE3**, and if you desaturate by 10%, it is **BF79E3**.

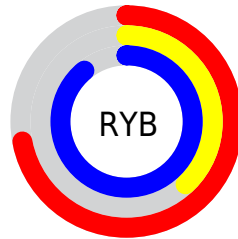
Distribution



Red (72%)

Green (38%)

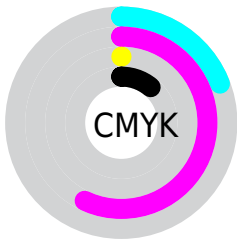
Blue (89%)



Red (72%)

Yellow (38%)

Blue (89%)

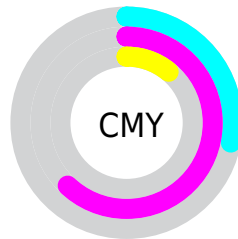


Cyan (19%)

Magenta (57%)

Yellow (0%)

Black (11%)



Cyan (28%)

Magenta (62%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B762E3 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 B762E3 by changing the saturation by 10% instead.

 B762E3

 B762E3

FFFFFF

 9B47C7

 F198FF

 7F2CAB

 FFB4FF

 630B90

 FFD0FF

 480076

 FFEDFF

 2C005C

 0F0044

 00032C

 000117

 000000

 B762E3

 B762E3

 AF4BE3

 BF79E3

 A835E3

 C68FE3

 A01EE3

 CEA6E3

 9807E3

 D6BDE3

 9600E3

 DED3E3

 E5EAE3

 EDFFE3

 F5FFE3

 FDFFE3

Harmonies

Analogous

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



2883FF



B762E3



ED3EA8

Triad

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



B762E3



BB7A00



00A4AC

Complementary

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



B762E3



8EE362

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.



00A367



B762E3



819000

Square

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



B762E3



E65A26



239C1E



00A2E7

Rectangle

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



B762E3



FA367B



239C1E



00A495

Sweetspot

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



B762E3



F0D4FF



628FE3



776680



000000



808080

Same Dimension

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



B762E3



C452FF



E362D0



6F6773



7600B3



220033

Inverse Universe

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



E3628E



FF528D



62E375



73676B



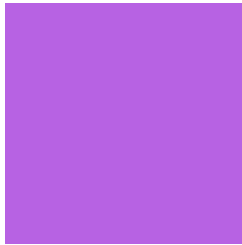
B3003D



330011

Previews

White Background



This preview shows how the Hex color B762E3 looks on a white background.

Color Contrast Check

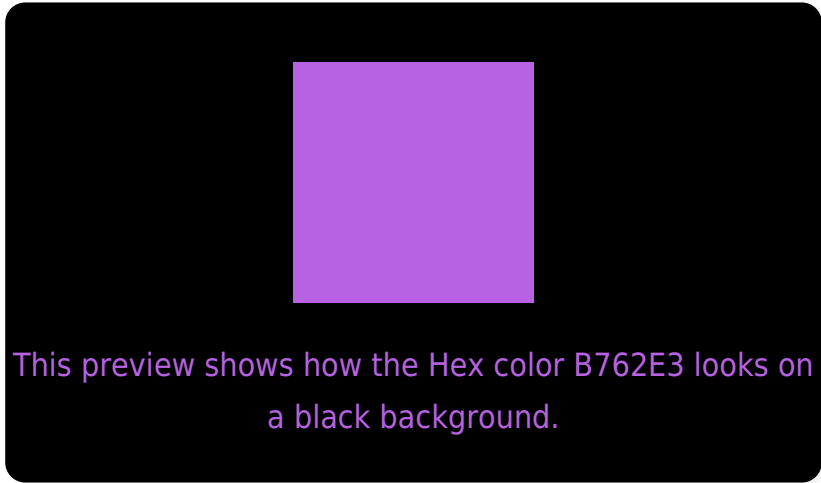
Large Text (above 18pt) WCAG AA ✓ Pass

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

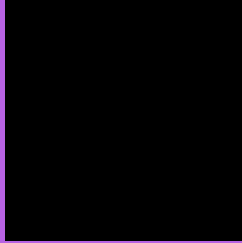
Any Text WCAG AA ✓ Pass

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 B762E3 Background



This preview shows how black text looks on a background with the Hex color B762E3.

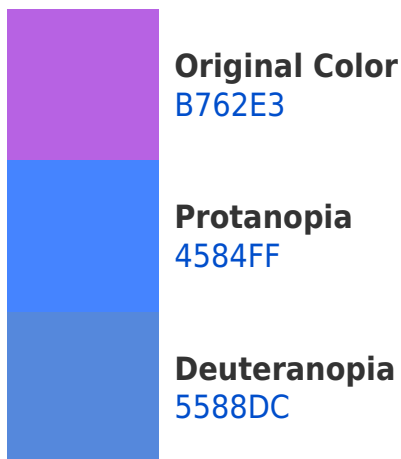


This preview shows how white text looks on a background with the Hex color B762E3.

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](#).

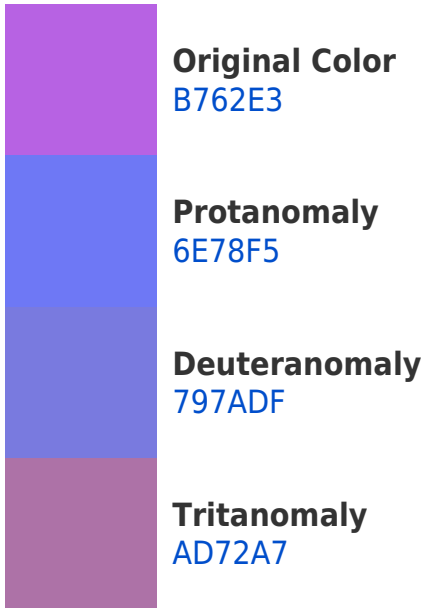
Dichromacy



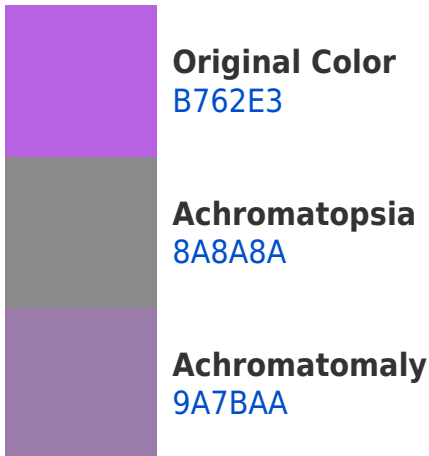


Tritanopia
A87B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B762E3 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 #B762E3 looks like.

```
.text, #text, p{  
    color:#B762E3  
}
```

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 #B762E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B762E3
}
```

Border

The CSS property to change the border of an element to Hex B762E3 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
#B762E3 }
```

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

```
.border{ border-color:#B762E3 }
```

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

Here you see how a box with a 4 pixel #B762E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B762E3; -webkit-box-shadow:4px 4px  
4px 4px #B762E3; box-shadow:4px 4px 4px  
4px #B762E3 }
```

Background

The CSS property to change the background color of an element to Hex B762E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B762E3 }
```

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

```
.background{ background-color:#B762E3 }
```

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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