

Converting Colors

Hex(B653E5)

Have a look what the booklet for
Hex(B653E5) contains.

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Color

Hex(B653E5)

Conversions

Conversions Part 1

Format	Color
Hex	B653E5
RGB	182, 83, 229
RGB Percent	71%, 33%, 90%
CMY	0.2863, 0.6745, 0.1020
CMYK	0.21, 0.64, 0.00, 0.10
HSL	281°, 74%, 61%
HSV	281°, 64%, 90%
XYZ	36.5275, 21.7887, 76.4092
YIQ	129.2450, 12.1380, 66.3940

Conversions

Conversions Part 2

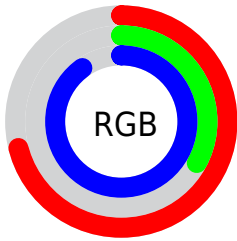
Format	Color
R_{YB}	182, 83, 229
Decimal	11949029
CIE _{Lab}	53.80, 62.65, -57.38
CIE _{LCh}	54, 84.957, 317.514
Yxy	21.7887, 0.2711, 0.1617
Android (android.graphics.Color)	4290139109 (0xFFB653E5)
YUV	129.2450, 49.1792, 46.2661
Hunter-Lab	46.6784, 57.9954, -64.3785

Details

The Hex color **B653E5** 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 **82E553**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **F18AFF**, and **7D16AD** is the 20% darker color. If you saturate the color by 10%, you get **AF3CE5**, and if you desaturate by 10%, it is **BD6AE5**.

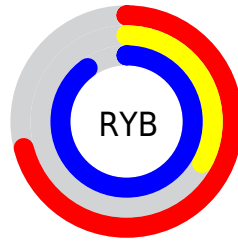
Distribution



Red (71%)

Green (33%)

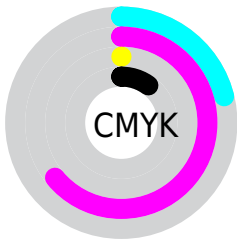
Blue (90%)



Red (71%)

Yellow (33%)

Blue (90%)

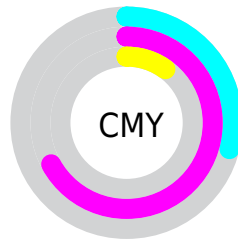


Cyan (21%)

Magenta (64%)

Yellow (0%)

Black (10%)



Cyan (29%)

Magenta (67%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color B653E5 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 B653E5 by changing the saturation by 10% instead.

 B653E5

 B653E5

FFFFFF

 9937C8

 F18AFF

 7D16AD

 FFA6FF

 610091

 FFC2FF

 440077

 FFDFFF

 28005E

 FFFDFF

 020045

 00032D

 000118

 000000

 B653E5

 B653E5

 AF3CE5

 BD6AE5

 A725E5

 C581E5

 A00EE5

 CC98E5

 9B00E5

 D3AFE5

 DBC6E5

 E2DCE5

 EAF3E5

 F1FFE5

 F8FFE5

Harmonies

Analogous

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



007BFF



B653E5



F114A2

Triad

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



B653E5



B57200



009FAB

Complementary

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



B653E5



82E553

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.



009D5E



B653E5



748A00

Square

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



B653E5



E54B09



009700



009DED

Rectangle

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



B653E5



FD0072



009700



009F92

Sweetspot

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



B653E5



EFCFFF



5384E5



766280



000000



808080

Same Dimension

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



B653E5



C03BFF



E553CD



6F6773



7900B3



230033

Inverse Universe

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



E55382



FF3B7A



53E56B



73676B



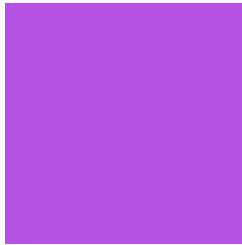
B30039



330010

Previews

White Background



This preview shows how the Hex color B653E5 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

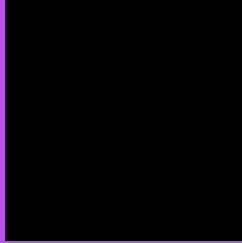
Any Text WCAG AA ✓ Pass

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 B653E5 Background



This preview shows how black text looks on a background with the Hex color B653E5.

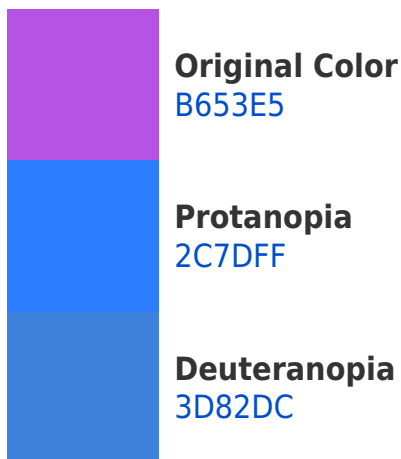


This preview shows how white text looks on a background with the Hex color B653E5.

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](#).

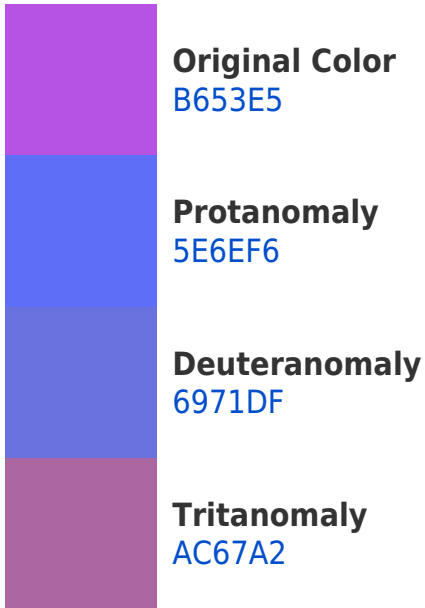
Dichromacy



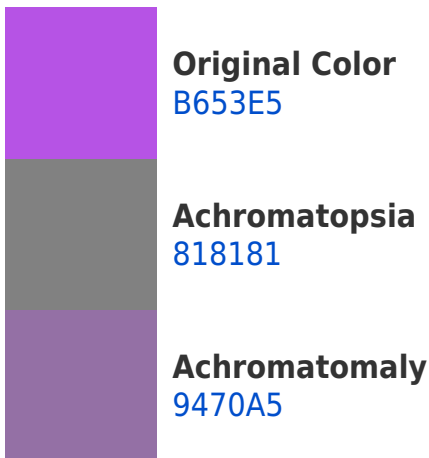


Tritanopia
A6737B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B653E5 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 #B653E5 looks like.

```
.text, #text, p{  
    color:#B653E5  
}
```

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 #B653E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B653E5
}
```

Border

The CSS property to change the border of an element to Hex B653E5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

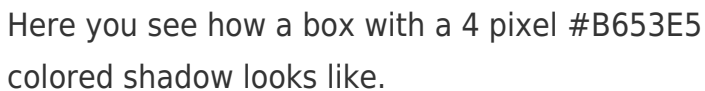
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B653E5 }
```

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

```
.border{ border-color:#B653E5 }
```

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



Here you see how a box with a 4 pixel #B653E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B653E5; -webkit-box-shadow:4px 4px  
4px 4px #B653E5; box-shadow:4px 4px 4px  
4px #B653E5 }
```

Background

The CSS property to change the background color of an element to Hex B653E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B653E5 }
```

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

```
.background{ background-color:#B653E5 }
```

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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