

Converting Colors

Hex(B652E4)

Have a look what the booklet for
Hex(B652E4) contains.

Hex(B652E4)	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(B652E4)

Conversions

Conversions Part 1

Format	Color
Hex	B652E4
RGB	182, 82, 228
RGB Percent	71%, 32%, 89%
CMY	0.2863, 0.6784, 0.1059
CMYK	0.20, 0.64, 0.00, 0.11
HSL	281°, 73%, 61%
HSV	281°, 64%, 89%
XYZ	36.3123, 21.5811, 75.6505
YIQ	128.5440, 12.7340, 66.6060

Conversions

Conversions Part 2

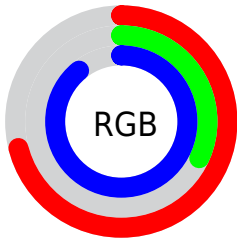
Format	Color
R_{YB}	182, 82, 228
Decimal	11948772
CIE _{Lab}	53.58, 62.89, -57.17
CIE _{LCh}	54, 84.997, 317.728
Yxy	21.5811, 0.2719, 0.1616
Android (android.graphics.Color)	4290138852 (0xFFB652E4)
YUV	128.5440, 49.0318, 46.8809
Hunter-Lab	46.4555, 58.2289, -64.0321

Details

The Hex color **B652E4** 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 **80E452**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **F189FF**, and **7D14AC** is the 20% darker color. If you saturate the color by 10%, you get **AF3BE4**, and if you desaturate by 10%, it is **BD69E4**.

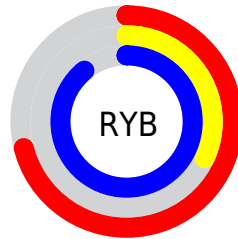
Distribution



Red (71%)

Green (32%)

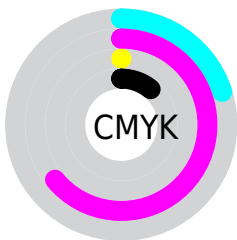
Blue (89%)



Red (71%)

Yellow (32%)

Blue (89%)

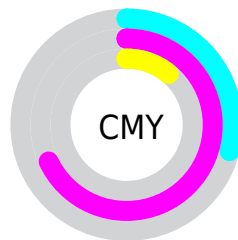


Cyan (20%)

Magenta (64%)

Yellow (0%)

Black (11%)



Cyan (29%)

Magenta (68%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B652E4 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 B652E4 by changing the saturation by 10% instead.

 B652E4

 B652E4

FFFFFF

 9936C7

 F189FF

 7D14AC

 FFA5FF

 610091

 FFC1FF

 450076

 FFDEFF

 28005D

 FFCCFF

 020044

 00032D

 000117

 000000

 B652E4

 B652E4

 AF3BE4

 BD69E4

 A824E4

 C480E4

 A00EE4

 CC96E4

 9C00E4

 D3ADE4

 DAC4E4

 E1DBE4

 E8F2E4

 EFFF E4

 F7FFE4

Harmonies

Analogous

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



007AFF



B652E4



F012A1

Triad

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



B652E4



B47200



009FAB

Complementary

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



B652E4



80E452

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



B652E4



738A00

Square

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



B652E4



E44B07



009700



009CEC

Rectangle

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



B652E4



FD0071



009700



009E92

Sweetspot

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



B652E4



F0CFFF



5280E4



766280



000000



808080

Same Dimension

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



B652E4



C13BFF



E452C9



6F6773



7A00B3



230033

Inverse Universe

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



E45280



FF3B79



52E46D



73676B



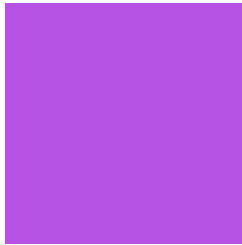
B30038



330010

Previews

White Background



This preview shows how the Hex color B652E4 looks on a white background.

Color Contrast Check

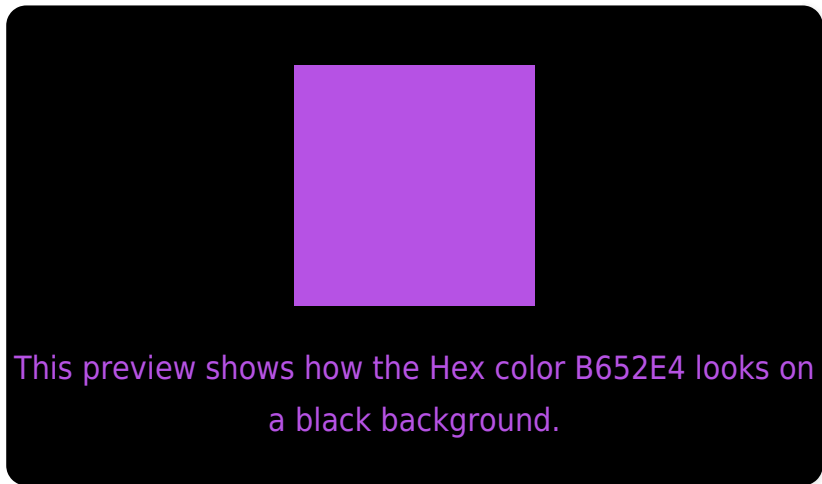
Large Text (above 18pt) WCAG AA ✓ Pass

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

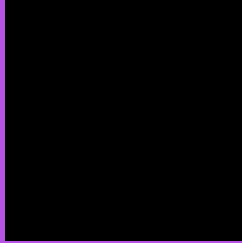
Any Text WCAG AA ✓ Pass

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 B652E4 Background



This preview shows how black text looks on a background with the Hex color B652E4.

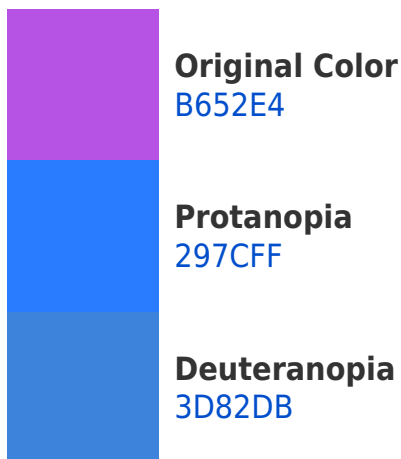


This preview shows how white text looks on a background with the Hex color B652E4.

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](#).

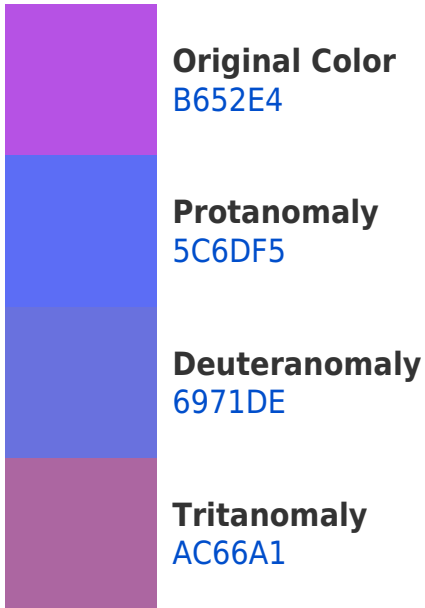
Dichromacy



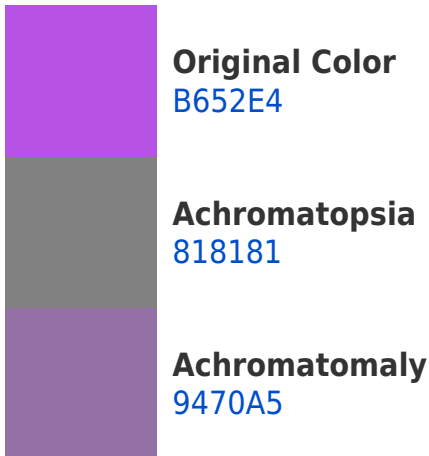


Tritanopia
A6727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B652E4 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 #B652E4 looks like.

```
.text, #text, p{  
    color:#B652E4  
}
```

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 #B652E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B652E4
}
```

Border

The CSS property to change the border of an element to Hex B652E4 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".

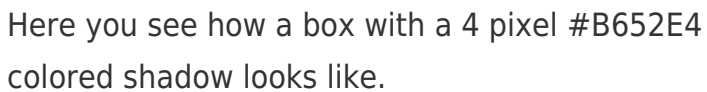
```
.border, #border, table{ border:4px solid
#B652E4 }
```

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

```
.border{ border-color:#B652E4 }
```

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

Here you see how a box with a 4 pixel #B652E4 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a purple shadow is cast to the right and slightly downwards from the right edge of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B652E4; -webkit-box-shadow:4px 4px  
4px 4px #B652E4; box-shadow:4px 4px 4px  
4px #B652E4 }
```

Background

The CSS property to change the background color of an element to Hex B652E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B652E4 }
```

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

```
.background{ background-color:#B652E4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor