

Converting Colors

Hex(B490E5)

Have a look what the booklet for
Hex(B490E5) contains.

Hex(B490E5)	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(**B490E5**)

Conversions

Conversions Part 1

Format	Color
Hex	B490E5
RGB	180, 144, 229
RGB Percent	71%, 56%, 90%
CMY	0.2941, 0.4353, 0.1020
CMYK	0.21, 0.37, 0.00, 0.10
HSL	265°, 62%, 73%
HSV	265°, 37%, 90%
XYZ	42.9385, 35.3070, 78.6806
YIQ	164.4540, -5.8290, 34.0670

Conversions

Conversions Part 2

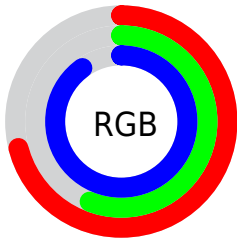
Format	Color
R _Y B	180, 144, 229
Decimal	11833573
CIE _{Lab}	65.99, 30.26, -38.12
CIE _{LCh}	66, 48.668, 308.447
Yxy	35.3070, 0.2736, 0.2250
Android (android.graphics.Color)	4290023653 (0xFFB490E5)
YUV	164.4540, 31.8212, 13.6338
Hunter-Lab	59.4197, 25.0053, -36.9151

Details

The Hex color **B490E5** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C1E590**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **EDC6FF**, and **7E5DAD** is the 20% darker color. If you saturate the color by 10%, you get **A779E5**, and if you desaturate by 10%, it is **C1A7E5**.

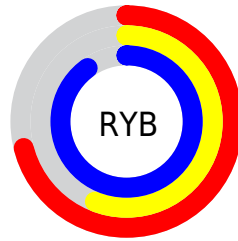
Distribution



Red (71%)

Green (56%)

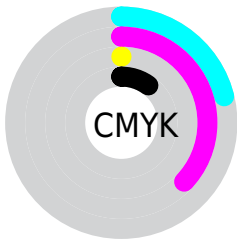
Blue (90%)



Red (71%)

Yellow (56%)

Blue (90%)

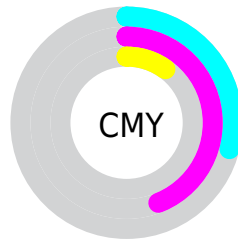


Cyan (21%)

Magenta (37%)

Yellow (0%)

Black (10%)



Cyan (29%)

Magenta (44%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color B490E5 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 B490E5 by changing the saturation by 10% instead.

 B490E5

 B490E5

FFFFFF

 9876C9

 EDC6FF

 7E5DAD

 FFE2FF

 634592

 4A2E78

 30185F

 160247

 000030

 00011A

 000000

 B490E5

 B490E5

 A779E5

 C1A7E5

 9A62E5

 CEBEE5

 8C4BE5

 DCD5E5

 7F34E5

 E9ECE5

 721EE5

 F6FFE5

 6507E5

 FFFFE5

 6100E5

Harmonies

Analogous

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



6CA1F7



B490E5



E081C1

Triad

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



B490E5



D4934F



00B7AC

Complementary

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



B490E5



C1E590

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.



3FB47F



B490E5



AEA246

Square

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



B490E5



ED836C



7FAD59



00B5D5

Rectangle

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



B490E5



EF7CA4



7FAD59



00B69D

Sweetspot

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



B490E5



EFE3FF



90C2E5



766F80



000000



808080

Same Dimension

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



B490E5



BD8CFF



DE90E5



6C6773



4C00B3



160033

Inverse Universe

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



E590C1



FF8CCE



97E590



73676E



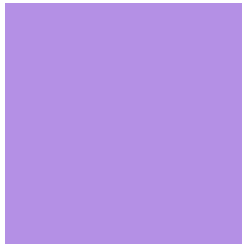
B30067



33001D

Previews

White Background



This preview shows how the Hex color B490E5 looks on a white background.

Color Contrast Check

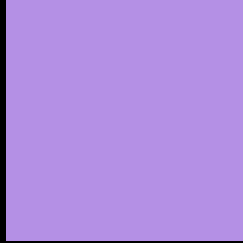
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B490E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

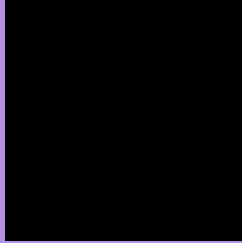
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B490E5 Background



This preview shows how black text looks on a background with the Hex color B490E5.

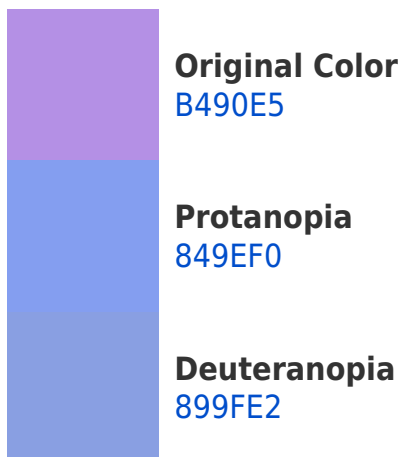


This preview shows how white text looks on a background with the Hex color B490E5.

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](#).

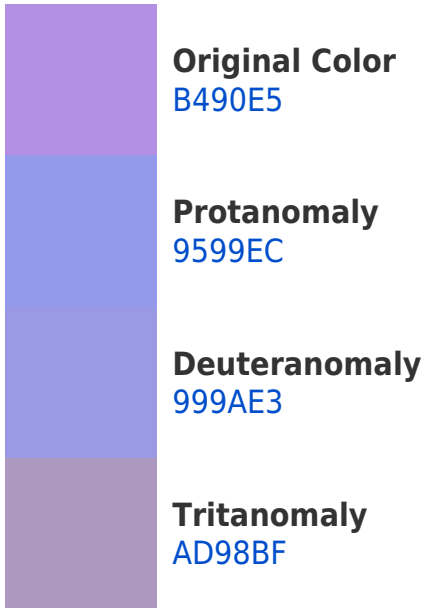
Dichromacy



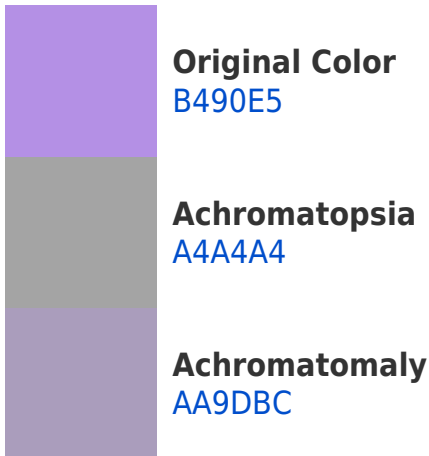


Tritanopia
A99CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B490E5 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 #B490E5 looks like.

```
.text, #text, p{  
    color:#B490E5  
}
```

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 #B490E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B490E5
}
```

Border

The CSS property to change the border of an element to Hex B490E5 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
#B490E5 }
```

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

```
.border{ border-color:#B490E5 }
```

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

Here you see how a box with a 4 pixel #B490E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B490E5; -webkit-box-shadow:4px 4px  
4px 4px #B490E5; box-shadow:4px 4px 4px  
4px #B490E5 }
```

Background

The CSS property to change the background color of an element to Hex B490E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B490E5 }
```

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

```
.background{ background-color:#B490E5 }
```

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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