

Converting Colors

Hex(B25ECE)

Have a look what the booklet for
Hex(B25ECE) contains.

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Color

Hex(B25ECE)

Conversions

Conversions Part 1

Format	Color
Hex	B25ECE
RGB	178, 94, 206
RGB Percent	70%, 37%, 81%
CMY	0.3020, 0.6314, 0.1922
CMYK	0.14, 0.54, 0.00, 0.19
HSL	285°, 53%, 59%
HSV	285°, 54%, 81%
XYZ	33.5034, 21.9266, 60.8590
YIQ	131.8840, 14.1120, 52.6400

Conversions

Conversions Part 2

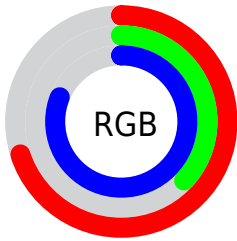
Format	Color
R _{YB}	178, 94, 206
Decimal	11689678
CIE _{Lab}	53.95, 51.69, -44.15
CIE _{LCh}	54, 67.979, 319.504
Yxy	21.9266, 0.2881, 0.1886
Android (android.graphics.Color)	4289879758 (0xFFB25ECE)
YUV	131.8840, 36.5392, 40.4437
Hunter-Lab	46.8259, 45.7695, -44.2803

Details

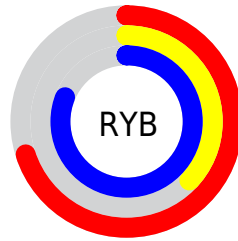
The Hex color **B25ECE** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **7ACE5E**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **EC94FF**, and **7A2997** is the 20% darker color. If you saturate the color by 10%, you get **AD49CE**, and if you desaturate by 10%, it is **B773CE**.

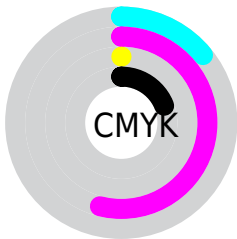
Distribution



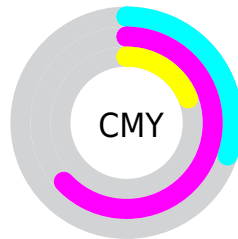
- Red (70%)
- Green (37%)
- Blue (81%)



- Red (70%)
- Yellow (37%)
- Blue (81%)



- Cyan (14%)
- Magenta (54%)
- Yellow (0%)
- Black (19%)



- Cyan (30%)
- Magenta (63%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color B25ECE 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 B25ECE by changing the saturation by 10% instead.

 B25ECE

 B25ECE

FFFFFF

 9644B2

 EC94FF

 7A2997

 FFAFFF

 60077D

 FFCBFF

 450063

 FFE8FF

 2C004B

 0F0033

 00021D

 000000

 B25ECE

 B25ECE

 AD49CE

 B773CE

 A835CE

 BC87CE

 A320CE

 C19CCE

 9D0CCE

 C7B0CE

 9B00CE

 CCC5CE

 D1DACE

 D6EECE

 DBFFCE

 E0FFCE

Harmonies

Analogous

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



4D7AF1



B25ECE



DF4398

Triad

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



B25ECE



AC7700



009BA7

Complementary

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



B25ECE



7ACE5E

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.



009A6A



B25ECE



778A00

Square

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



B25ECE



D45D26



23952D



0098DA

Rectangle

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



B25ECE



E83F71



23952D



009B93

Sweetspot

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



B25ECE



F5D6FF



5E7ACE



796780



000000



808080

Same Dimension

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



B25ECE



D659FF



CE5EB2



635C66



7C00A6



1D0026

Inverse Universe

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



CE5E7A



FF5983



5ECE7A



665C5E



A60029



26000A

Previews

White Background



This preview shows how the Hex color B25ECE 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

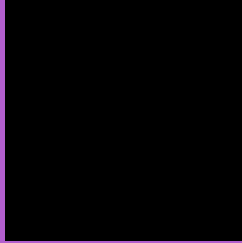
Any Text WCAG AA ✓ Pass

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 B25ECE Background



This preview shows how black text looks on a background with the Hex color B25ECE.

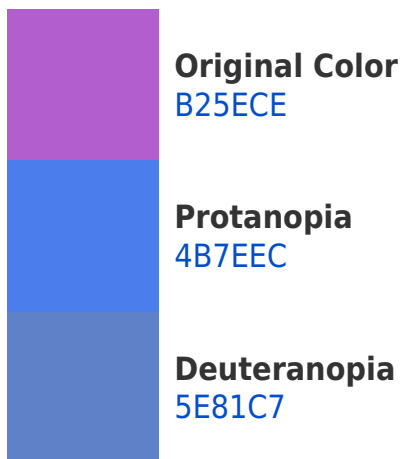



This preview shows how white text looks on a background with the Hex color B25ECE.

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](#).

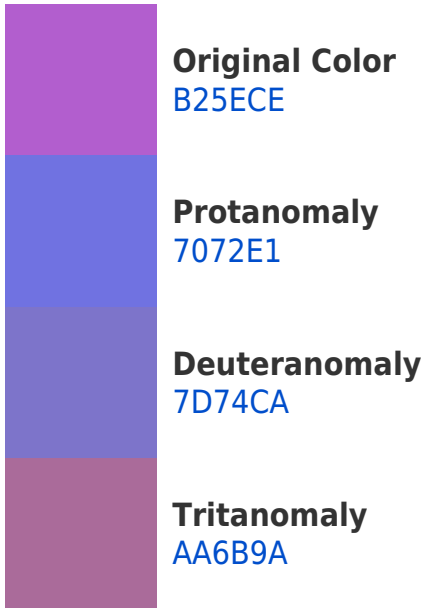
Dichromacy



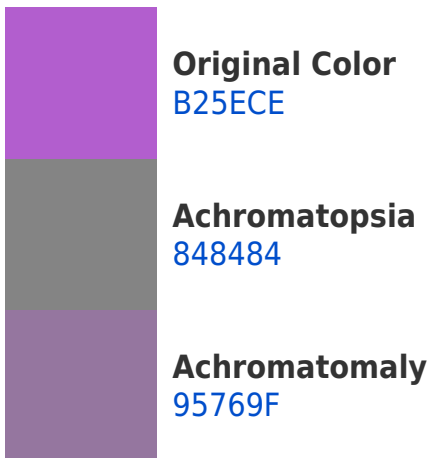


Tritanopia
A6737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B25ECE 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 #B25ECE looks like.

```
.text, #text, p{  
    color:#B25ECE  
}
```

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 #B25ECE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B25ECE
}
```

Border

The CSS property to change the border of an element to Hex B25ECE is called "border". The border property can be set on classes, ids or directly on the HTML element.

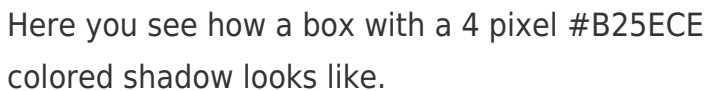
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B25ECE }
```

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

```
.border{ border-color:#B25ECE }
```

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



Here you see how a box with a 4 pixel #B25ECE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B25ECE; -webkit-box-shadow:4px 4px  
4px 4px #B25ECE; box-shadow:4px 4px 4px  
4px #B25ECE }
```

Background

The CSS property to change the background color of an element to Hex B25ECE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B25ECE }
```

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

```
.background{ background-color:#B25ECE }
```

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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