

Converting Colors

Hex(B25DEB)

Have a look what the booklet for
Hex(B25DEB) contains.

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Color

Hex(**B25DEB**)

Conversions

Conversions Part 1

Format	Color
Hex	B25DEB
RGB	178, 93, 235
RGB Percent	70%, 36%, 92%
CMY	0.3020, 0.6353, 0.0784
CMYK	0.24, 0.60, 0.00, 0.08
HSL	276°, 78%, 64%
HSV	276°, 60%, 92%
XYZ	37.2698, 23.2918, 81.1287
YIQ	134.6030, 5.0780, 62.1820

Conversions

Conversions Part 2

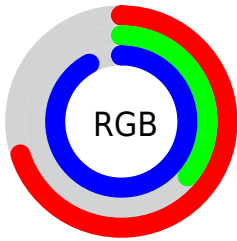
Format	Color
RYB	178, 93, 235
Decimal	11689451
CIELab	55.37, 58.33, -58.26
CIELCh	55, 82.443, 315.035
Yxy	23.2918, 0.2630, 0.1644
Android (android.graphics.Color)	4289879531 (0xFFB25DEB)
YUV	134.6030, 49.4957, 38.0592
Hunter-Lab	48.2616, 53.3881, -65.8845

Details

The Hex color **B25DEB** 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 **96EB5D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **ED93FF**, and **7926B2** is the 20% darker color. If you saturate the color by 10%, you get **A945EB**, and if you desaturate by 10%, it is **BB74EB**.

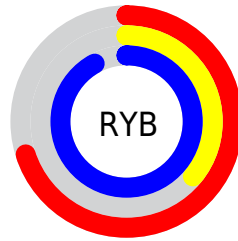
Distribution



Red (70%)

Green (36%)

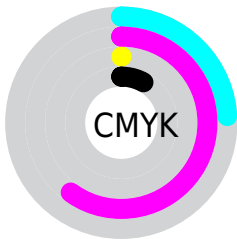
Blue (92%)



Red (70%)

Yellow (36%)

Blue (92%)

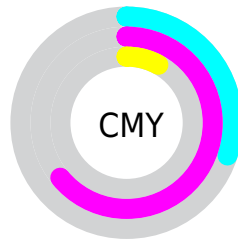


Cyan (24%)

Magenta (60%)

Yellow (0%)

Black (8%)



Cyan (30%)

Magenta (64%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color B25DEB 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 B25DEB by changing the saturation by 10% instead.

 B25DEB

 B25DEB

FFFFFF

 9542CE

 ED93FF

 7926B2

 FFAFFF

 5D0097

 FFCBFF

 40007C

 FFE8FF

 220063

 00004A

 000432

 00021C

 000000

 B25DEB

 B25DEB

 A945EB

 BB74EB

 9F2EEB

 C58CEB

 9616EB

 CEA3EB

 8D00EB

 D8BBEB

 E1D2EB

 EBEAEB

 F4FFEB

 FDFFEB

 FFFFEB

Harmonies

Analogous

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



0082FF



B25DEB



F02DAB

Triad

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



B25DEB



BE7400



00A3A8

Complementary

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



B25DEB



96EB5D

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.



00A15D



B25DEB



808D00

Square

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



B25DEB



EB4F1D



109A00



00A1E9

Rectangle

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



B25DEB



FE197C



109A00



00A38F

Sweetspot

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



B25DEB



EDD1FF



5D98EB



746380



000000



808080

Same Dimension

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



B25DEB



B445FF



EB5DDF



716A75



6C00B5



200036

Inverse Universe

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



EB5D96



FF4590



5DEB69



756A6E



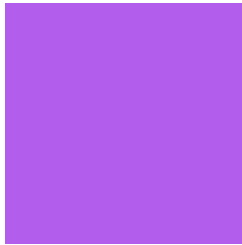
B50049



360015

Previews

White Background



This preview shows how the Hex color B25DEB looks on a white background.

Color Contrast Check

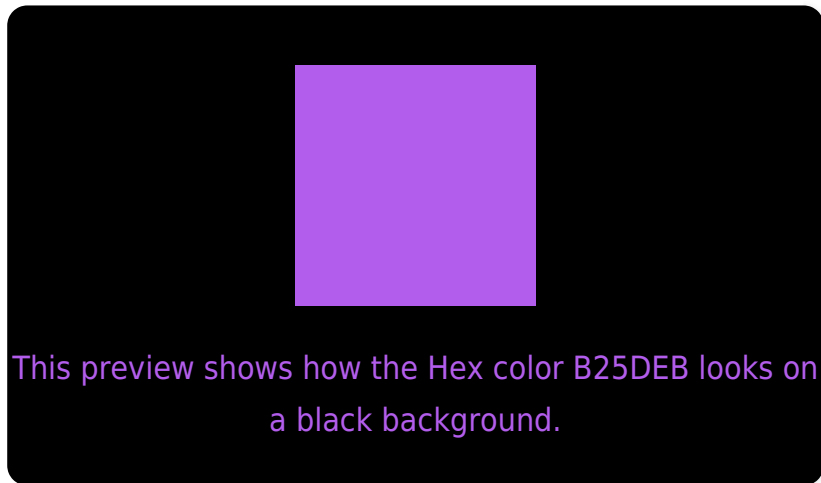
Large Text (above 18pt) WCAG AA ✓ Pass

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

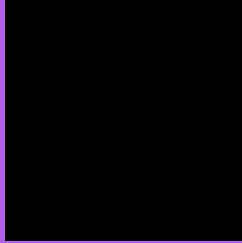
Any Text WCAG AA ✓ Pass

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 B25DEB Background



This preview shows how black text looks on a background with the Hex color B25DEB.

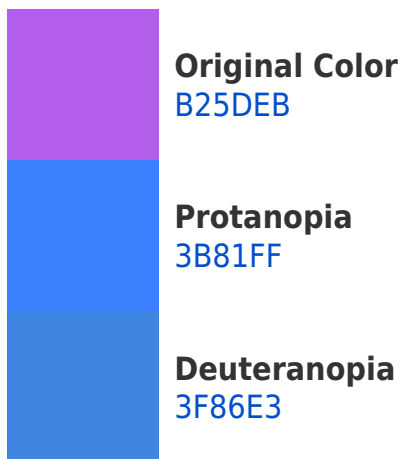



This preview shows how white text looks on a background with the Hex color B25DEB.

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](#).

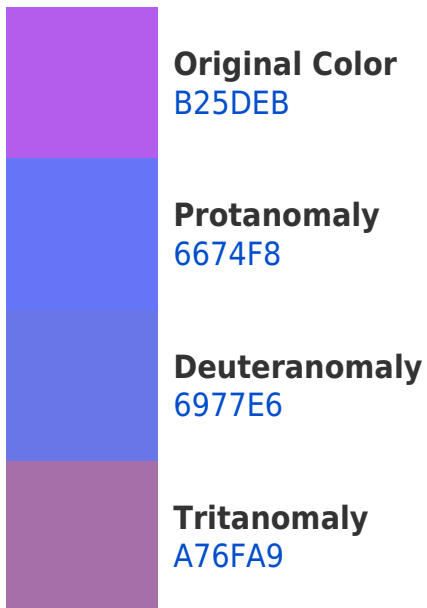
Dichromacy



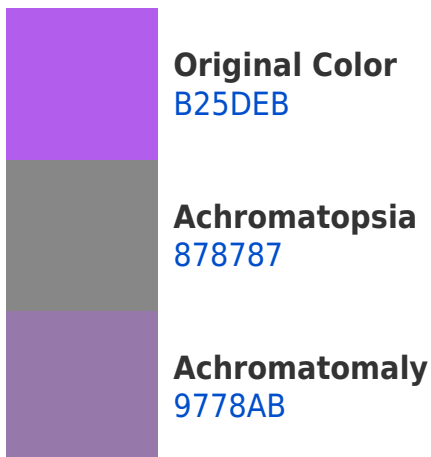


Tritanopia
A17A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B25DEB 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 #B25DEB looks like.

```
.text, #text, p{  
    color:#B25DEB  
}
```

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 #B25DEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B25DEB
}
```

Border

The CSS property to change the border of an element to Hex B25DEB 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".

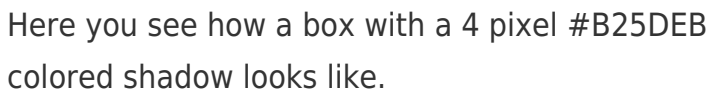
```
.border, #border, table{ border:4px solid
#B25DEB }
```

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

```
.border{ border-color:#B25DEB }
```

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

Here you see how a box with a 4 pixel #B25DEB 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 thick purple shadow is cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B25DEB; -webkit-box-shadow:4px 4px  
4px 4px #B25DEB; box-shadow:4px 4px 4px  
4px #B25DEB }
```

Background

The CSS property to change the background color of an element to Hex B25DEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B25DEB }
```

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

```
.background{ background-color:#B25DEB }
```

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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