

Converting Colors

Hex(B25DCF)

Have a look what the booklet for
Hex(B25DCF) contains.

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Color

Hex(**B25DCF**)

Conversions

Conversions Part 1

Format	Color
Hex	B25DCF
RGB	178, 93, 207
RGB Percent	70%, 36%, 81%
CMY	0.3020, 0.6353, 0.1882
CMYK	0.14, 0.55, 0.00, 0.19
HSL	285°, 54%, 59%
HSV	285°, 55%, 81%
XYZ	33.5369, 21.7987, 61.4715
YIQ	131.4110, 14.0660, 53.4740

Conversions

Conversions Part 2

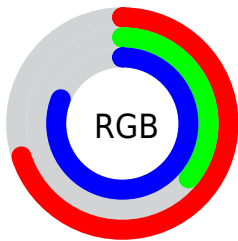
Format	Color
RYB	178, 93, 207
Decimal	11689423
CIELab	53.81, 52.40, -44.93
CIElCh	54, 69.026, 319.388
Yxy	21.7987, 0.2871, 0.1866
Android (android.graphics.Color)	4289879503 (0xFFB25DCF)
YUV	131.4110, 37.2654, 40.8586
Hunter-Lab	46.6890, 46.5114, -45.3797

Details

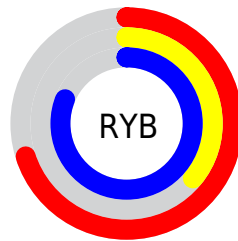
The Hex color **B25DCF** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **7ACF5D**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **EC93FF**, and **7A2898** is the 20% darker color. If you saturate the color by 10%, you get **AD48CF**, and if you desaturate by 10%, it is **B772CF**.

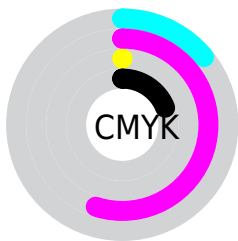
Distribution



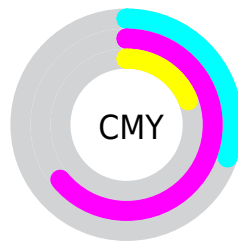
- Red (70%)
- Green (36%)
- Blue (81%)



- Red (70%)
- Yellow (36%)
- Blue (81%)



- Cyan (14%)
- Magenta (55%)
- Yellow (0%)
- Black (19%)



- Cyan (30%)
- Magenta (64%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color B25DCF 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 B25DCF by changing the saturation by 10% instead.

 B25DCF

 B25DCF

FFFFFF

 9643B3

 EC93FF

 7A2898

 FFAEFF

 5F047E

 FFCAFF

 450064

 FFE7FF

 2B004C

 0E0034

 00021E

 000000

 B25DCF

 B25DCF

 AD48CF

 B772CF

 A734CF

 BD86CF

 A21FCF

 C29BCF

 9D0ACF

 C7B0CF

 9A00CF

 CCC5CF

 D2D9CF

 D7EECF

 DCFFCF

 E1FFCF

Harmonies

Analogous

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



4A7AF2



B25DCF



DF4198

Triad

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



B25DCF



AD7600



009BA7

Complementary

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



B25DCF



7ACF5D

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.



009A69



B25DCF



778900

Square

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



B25DCF



D55C25



1F942B



0098DA

Rectangle

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



B25DCF



E93D71



1F942B



009B92

Sweetspot

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



B25DCF



F4D4FF



5D7BCF



796680



000000



808080

Same Dimension

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



B25DCF



D457FF



CF5DB4



665E69



7D00A8



1E0029

Inverse Universe

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



CF5D7A



FF5782



5DCF78



695E61



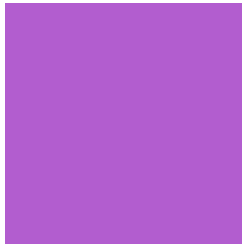
A8002B



29000A

Previews

White Background



This preview shows how the Hex color B25DCF looks on a white background.

Color Contrast Check

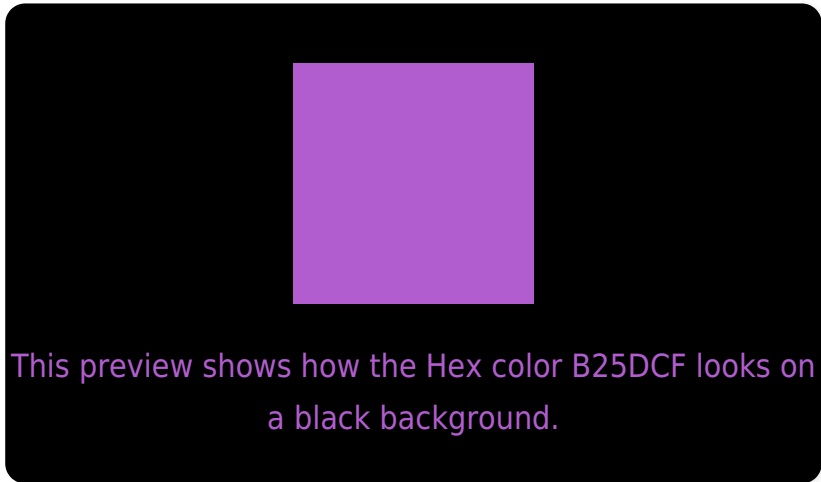
Large Text (above 18pt) WCAG AA ✓ Pass

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

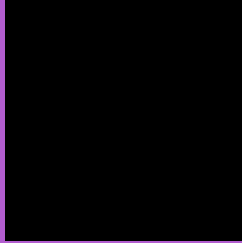
Any Text WCAG AA ✓ Pass

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 B25DCF Background



This preview shows how black text looks on a background with the Hex color B25DCF.

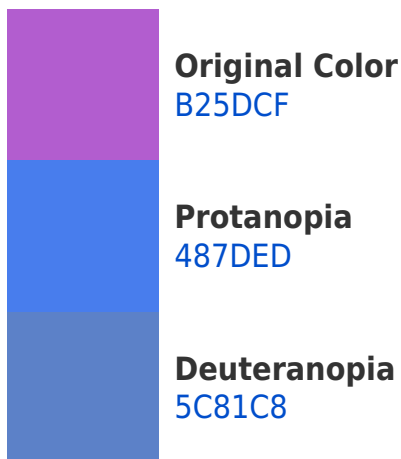


This preview shows how white text looks on a background with the Hex color B25DCF.

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



Original Color
B25DCF



Protanomaly
6F71E2



Deuteranomaly
7B74CB



Tritanomaly
AA6B9A

Monochromacy



Original Color
B25DCF



Achromatopsia
838383



Achromatomaly
94759F

CSS Examples

Text

The CSS property to change the color of the text to Hex B25DCF 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 #B25DCF looks like.

```
.text, #text, p{  
    color:#B25DCF  
}
```

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 #B25DCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B25DCF
}
```

Border

The CSS property to change the border of an element to Hex B25DCF is called "border". The border property can be set on classes, ids or directly on the HTML element.

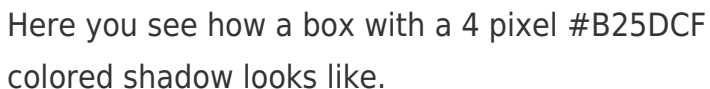
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B25DCF }
```

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

```
.border{ border-color:#B25DCF }
```

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



Here you see how a box with a 4 pixel #B25DCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B25DCF; -webkit-box-shadow:4px 4px  
4px 4px #B25DCF; box-shadow:4px 4px 4px  
4px #B25DCF }
```

Background

The CSS property to change the background color of an element to Hex B25DCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B25DCF }
```

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

```
.background{ background-color:#B25DCF }
```

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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