

Converting Colors

Hex(B266D3)

Have a look what the booklet for
Hex(B266D3) contains.

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Color

Hex(B266D3)

Conversions

Conversions Part 1

Format	Color
Hex	B266D3
RGB	178, 102, 211
RGB Percent	70%, 40%, 83%
CMY	0.3020, 0.6000, 0.1725
CMYK	0.16, 0.52, 0.00, 0.17
HSL	282°, 55%, 61%
HSV	282°, 52%, 83%
XYZ	34.8693, 23.6709, 64.3591
YIQ	137.1500, 10.3070, 50.0110

Conversions

Conversions Part 2

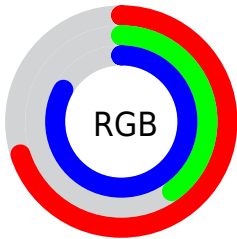
Format	Color
RYB	178, 102, 211
Decimal	11691731
CIELab	55.76, 48.64, -44.13
CIELCh	56, 65.674, 317.784
Yxy	23.6709, 0.2837, 0.1926
Android (android.graphics.Color)	4289881811 (0xFFB266D3)
YUV	137.1500, 36.4080, 35.8254
Hunter-Lab	48.6527, 42.7885, -44.3735

Details

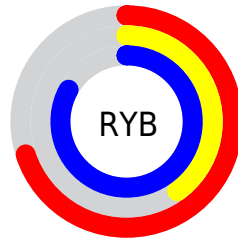
The Hex color **B266D3** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **87D366**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **EC9BFF**, and **7B329C** is the 20% darker color. If you saturate the color by 10%, you get **AC51D3**, and if you desaturate by 10%, it is **B87BD3**.

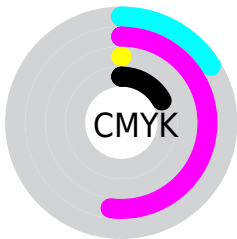
Distribution



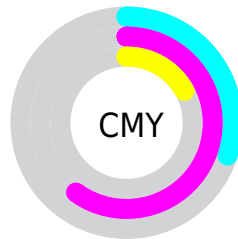
- Red (70%)
- Green (40%)
- Blue (83%)



- Red (70%)
- Yellow (40%)
- Blue (83%)



- Cyan (16%)
- Magenta (52%)
- Yellow (0%)
- Black (17%)



- Cyan (30%)
- Magenta (60%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color B266D3 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 B266D3 by changing the saturation by 10% instead.

 B266D3

 B266D3

FFFFFF

 964CB7

 EC9BFF

 7B329C

 FFB7FF

 601781

 FFD3FF

 450068

 FFF0FF

 2B004F

 120037

 000221

 000006

 000000

 B266D3

 B266D3

 AC51D3

 B87BD3

 A53CD3

 BF90D3

 9F27D3

 C5A5D3

 9812D3

 CCBAD3

 9300D3

 D2D0D3

 D8E5D3

 DFFAD3

 E5FFD3

 EBFFD3

Harmonies

Analogous

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



4F80F3



B266D3



E04D9F

Triad

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



B266D3



B47B00



00A0A7

Complementary

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



B266D3



87D366

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.



009E6C



B266D3



808D00

Square

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



B266D3



D96231



379932



009DD9

Rectangle

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



B266D3



EA4979



379932



00A093

Sweetspot

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



B266D3



F3D9FF



6689D3



796980



000000



808080

Same Dimension

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



B266D3



CF61FF



D366BF



655E69



7500A8



1C0029

Inverse Universe

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



D36687



FF6191



66D37A



695E61



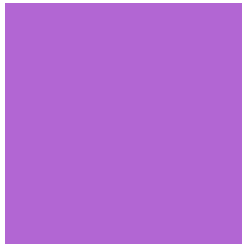
A80033



29000C

Previews

White Background



This preview shows how the Hex color B266D3 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

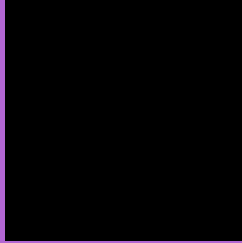
Any Text WCAG AA ✓ Pass

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 B266D3 Background



This preview shows how black text looks on a background with the Hex color B266D3.

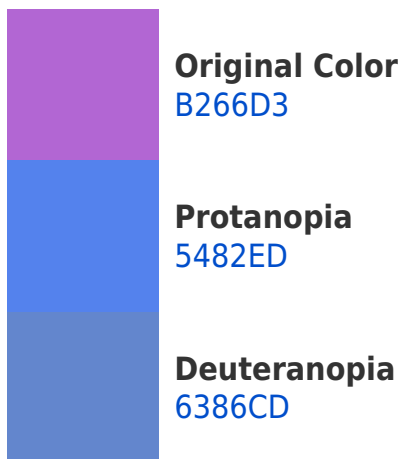



This preview shows how white text looks on a background with the Hex color B266D3.

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](#).

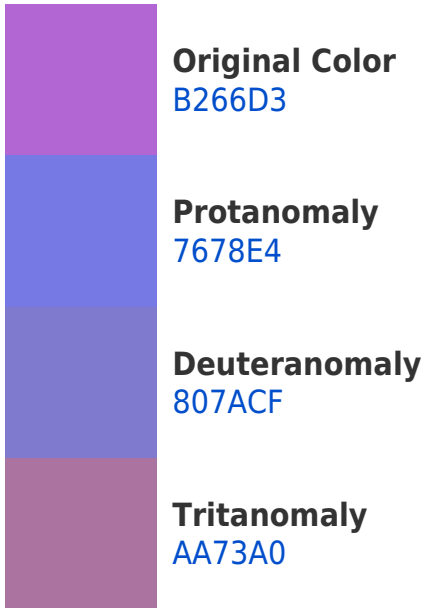
Dichromacy



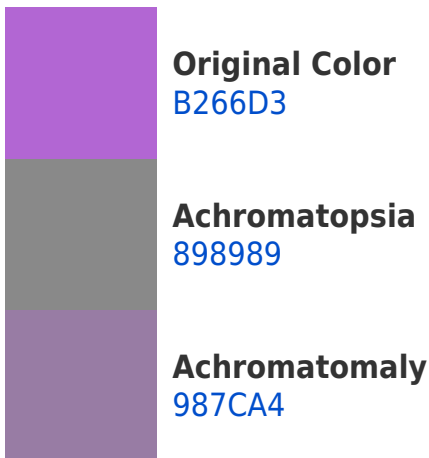


Tritanopia
A67A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B266D3 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 #B266D3 looks like.

```
.text, #text, p{  
    color:#B266D3  
}
```

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 #B266D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B266D3
}
```

Border

The CSS property to change the border of an element to Hex B266D3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

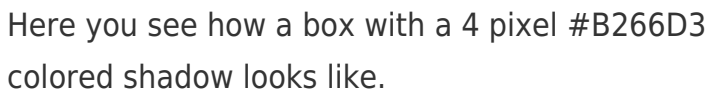
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B266D3 }
```

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

```
.border{ border-color:#B266D3 }
```

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



Here you see how a box with a 4 pixel #B266D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B266D3; -webkit-box-shadow:4px 4px  
4px 4px #B266D3; box-shadow:4px 4px 4px  
4px #B266D3 }
```

Background

The CSS property to change the background color of an element to Hex B266D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B266D3 }
```

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

```
.background{ background-color:#B266D3 }
```

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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