

Converting Colors

Hex(B56DB6)

Have a look what the booklet for
Hex(B56DB6) contains.

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Color

Hex(B56DB6)

Conversions

Conversions Part 1

Format	Color
Hex	B56DB6
RGB	181, 109, 182
RGB Percent	71%, 43%, 71%
CMY	0.2902, 0.5725, 0.2863
CMYK	0.01, 0.40, 0.00, 0.29
HSL	299°, 33%, 57%
HSV	299°, 40%, 71%
XYZ	32.9682, 24.1384, 47.1775
YIQ	138.8500, 19.4790, 37.9670

Conversions

Conversions Part 2

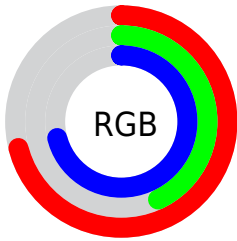
Format	Color
R _Y B	181, 109, 182
Decimal	11890102
CIE Lab	56.23, 39.99, -26.81
CIE LCh	56, 48.146, 326.158
Yxy	24.1384, 0.3161, 0.2315
Android (android.graphics.Color)	4290080182 (0xFFB56DB6)
YUV	138.8500, 21.2730, 36.9656
Hunter-Lab	49.1309, 33.7994, -22.5411

Details

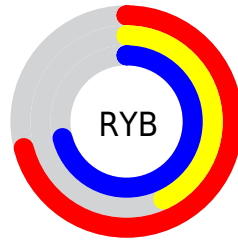
The Hex color **B56DB6** is a light color, and the websafe version is hex **996699**. A complement of this color would be **6EB66D**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **EEA2EE**, and **7F3A81** is the 20% darker color. If you saturate the color by 10%, you get **B55BB6**, and if you desaturate by 10%, it is **B57FB6**.

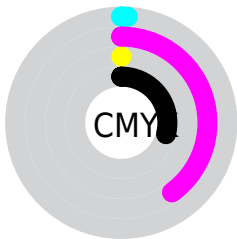
Distribution



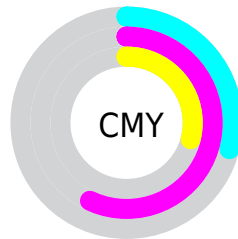
- Red (71%)
- Green (43%)
- Blue (71%)



- Red (71%)
- Yellow (43%)
- Blue (71%)



- Cyan (1%)
- Magenta (40%)
- Yellow (0%)
- Black (29%)



- Cyan (29%)
- Magenta (57%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color B56DB6 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 B56DB6 by changing the saturation by 10% instead.

 B56DB6

 B56DB6

FFFFFF

 99539B

 EEA2EE

 7F3A81

 FFBEFF

 642167

 FFDAFF

 4B044F

 FFF7FF

 320038

 1C0022

 000007

 000000

 B56DB6

 B56DB6

 B55BB6

 B57FB6

 B549B6

 B591B6

 B436B6

 B6A4B6

 B424B6

 B6B6B6

 B412B6

 B6C8B6

 B400B6

 B6DAB6

 B7ECB6

 B7FFB6

Harmonies

Analogous

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



807ED2



B56DB6



D0628E

Triad

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



B56DB6



A3832F



009BAA

Complementary

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



B56DB6



6EB66D

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.



009B80



B56DB6



7A8F37

Square

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



B56DB6



C27342



449756



0097CC

Rectangle

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



B56DB6



D56372



449756



009C9D

Sweetspot

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



B56DB6



EDD1ED



6D6EB6



786778



F7F7F7



787878

Same Dimension

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



B56DB6



EC7BED



B66D93



5C535C



99009C



1C001C

Inverse Universe

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



B66D6E



ED7B7D



6DB690



5C5353



9C0002



1C0000

Previews

White Background



This preview shows how the Hex color B56DB6 looks on a white background.

Color Contrast Check

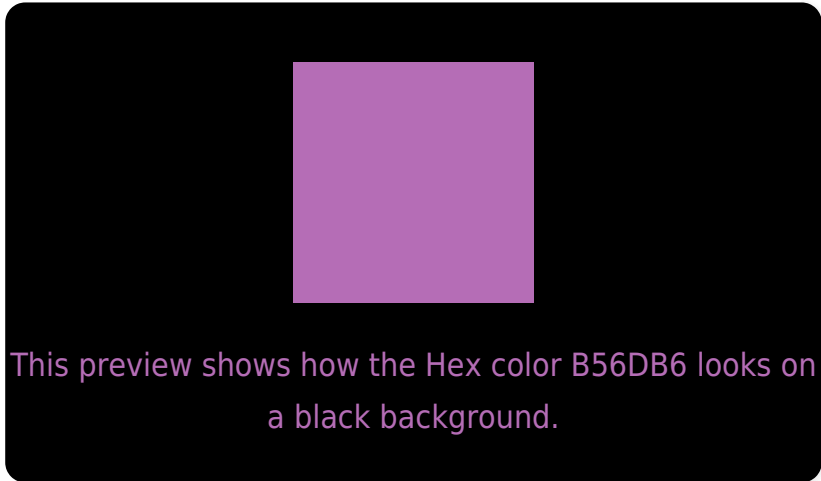
Large Text (above 18pt) WCAG AA ✓ Pass

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

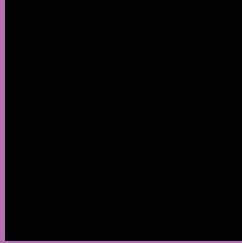
Any Text WCAG AA ✓ Pass

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 B56DB6 Background



This preview shows how black text looks on a background with the Hex color B56DB6.

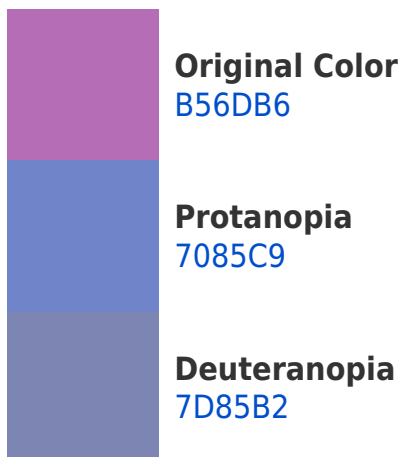


This preview shows how white text looks on a background with the Hex color B56DB6.

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
AE7881

Trichromacy



Original Color
B56DB6



Protanomaly
897CC2



Deuteranomaly
917CB3



Tritanomaly
B17494

Monochromacy



Original Color
B56DB6



Achromatopsia
8B8B8B



Achromatomaly
9A809B

CSS Examples

Text

The CSS property to change the color of the text to Hex B56DB6 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 #B56DB6 looks like.

```
.text, #text, p{  
    color:#B56DB6  
}
```

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 #B56DB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B56DB6
}
```

Border

The CSS property to change the border of an element to Hex B56DB6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

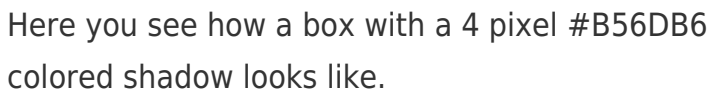
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B56DB6 }
```

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

```
.border{ border-color:#B56DB6 }
```

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



Here you see how a box with a 4 pixel #B56DB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B56DB6; -webkit-box-shadow:4px 4px  
4px 4px #B56DB6; box-shadow:4px 4px 4px  
4px #B56DB6 }
```

Background

The CSS property to change the background color of an element to Hex B56DB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B56DB6 }
```

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

```
.background{ background-color:#B56DB6 }
```

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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