

Converting Colors

Hex(B356B6)

Have a look what the booklet for
Hex(B356B6) contains.

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Color

Hex(B356B6)

Conversions

Conversions Part 1

Format	Color
Hex	B356B6
RGB	179, 86, 182
RGB Percent	70%, 34%, 71%
CMY	0.2980, 0.6627, 0.2863
CMYK	0.02, 0.53, 0.00, 0.29
HSL	298°, 40%, 53%
HSV	298°, 53%, 71%
XYZ	30.3617, 19.6167, 46.4421
YIQ	124.7510, 24.6120, 49.5720

Conversions

Conversions Part 2

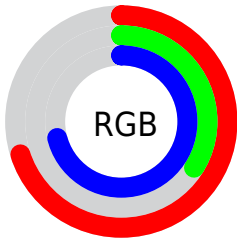
Format	Color
RYB	179, 86, 182
Decimal	11753142
CIELab	51.40, 51.27, -34.34
CIElCh	51, 61.711, 326.187
Yxy	19.6167, 0.3149, 0.2034
Android (android.graphics.Color)	4289943222 (0xFFB356B6)
YUV	124.7510, 28.2238, 47.5764
Hunter-Lab	44.2907, 44.8546, -31.1665

Details

The Hex color **B356B6** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **59B656**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **ED8CEE**, and **7C1F81** is the 20% darker color. If you saturate the color by 10%, you get **B244B6**, and if you desaturate by 10%, it is **B468B6**.

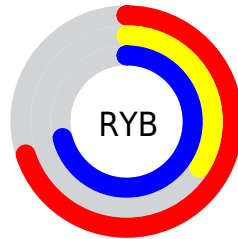
Distribution



Red (70%)

Green (34%)

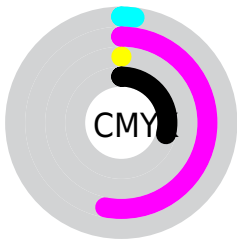
Blue (71%)



Red (70%)

Yellow (34%)

Blue (71%)

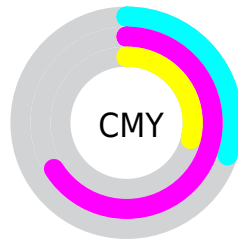


Cyan (2%)

Magenta (53%)

Yellow (0%)

Black (29%)



Cyan (30%)

Magenta (66%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color B356B6 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 B356B6 by changing the saturation by 10% instead.

 B356B6

 B356B6

FFFFFF

 973B9B

 ED8CEE

 7C1F81

 FFA7FF

 610067

 FFC3FF

 47004F

 FFE0FF

 300037

 FFFDFD

 0D0021

 000006

 000000

 B356B6

 B356B6

 B244B6

 B468B6

 B232B6

 B47AB6

 B11FB6

 B58DB6

 B10DB6

 B59FB6

 B000B6

 B6B1B6

 B6C3B6

 B7D5B6

 B8E8B6

 B8FAB6

Harmonies

Analogous

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



6B6FDA



B356B6



D44384

Triad

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



B356B6



997600



0092A8

Complementary

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



B356B6



59B656

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.



009272



B356B6



668500

Square

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



B356B6



C0601F



008E3C



008ED2

Rectangle

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



B356B6



D84460



008E3C



009396

Sweetspot

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



B356B6



ECC7ED



5659B6



776178



F7F7F7



787878

Same Dimension

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



B356B6



E858ED



B65689



5C535C



97009C



1B001C

Inverse Universe

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



B65659



ED585C



56B683



5C5353



9C0005



1C0001

Previews

White Background



This preview shows how the Hex color B356B6 looks on a white background.

Color Contrast Check

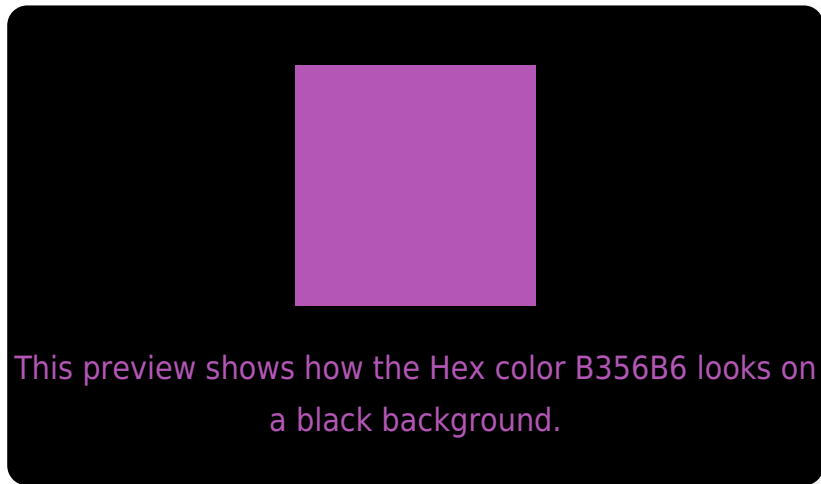
Large Text (above 18pt) WCAG AA ✓ Pass

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

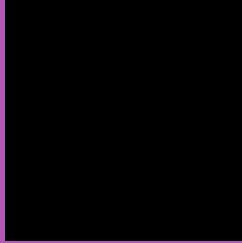
Any Text WCAG AA ✓ Pass

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 B356B6 Background



This preview shows how black text looks on a background with the Hex color B356B6.

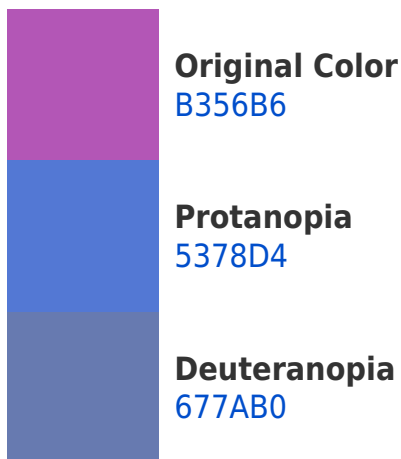



This preview shows how white text looks on a background with the Hex color B356B6.

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
AA686F

Trichromacy



Original Color
B356B6



Protanomaly
766CC9



Deuteranomaly
836DB2



Tritanomaly
AD6189

Monochromacy



Original Color
B356B6



Achromatopsia
7D7D7D



Achromatomaly
916F92

CSS Examples

Text

The CSS property to change the color of the text to Hex B356B6 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 #B356B6 looks like.

```
.text, #text, p{  
    color:#B356B6  
}
```

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 #B356B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B356B6
}
```

Border

The CSS property to change the border of an element to Hex B356B6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

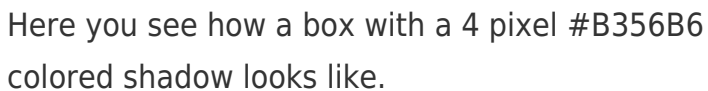
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B356B6 }
```

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

```
.border{ border-color:#B356B6 }
```

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



Here you see how a box with a 4 pixel #B356B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B356B6; -webkit-box-shadow:4px 4px  
4px 4px #B356B6; box-shadow:4px 4px 4px  
4px #B356B6 }
```

Background

The CSS property to change the background color of an element to Hex B356B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B356B6 }
```

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

```
.background{ background-color:#B356B6 }
```

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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