

Converting Colors

Hex(B353A8)

Have a look what the booklet for
Hex(B353A8) contains.

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Color

Hex(B353A8)

Conversions

Conversions Part 1

Format	Color
Hex	B353A8
RGB	179, 83, 168
RGB Percent	70%, 33%, 66%
CMY	0.2980, 0.6745, 0.3412
CMYK	0.00, 0.54, 0.06, 0.30
HSL	307°, 39%, 51%
HSV	307°, 54%, 70%
XYZ	28.7515, 18.5974, 39.1201
YIQ	121.3940, 29.9310, 46.7870

Conversions

Conversions Part 2

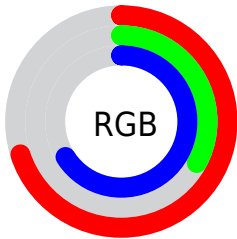
Format	Color
R _Y B	179, 83, 168
Decimal	11752360
CIE Lab	50.21, 50.24, -28.02
CIE LCh	50, 57.529, 330.851
Yxy	18.5974, 0.3325, 0.2151
Android (android.graphics.Color)	4289942440 (0xFFB353A8)
YUV	121.3940, 22.9768, 50.5205
Hunter-Lab	43.1247, 43.5391, -23.5970

Details

The Hex color **B353A8** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **53B35E**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **ED88DF**, and **7C1C74** is the 20% darker color. If you saturate the color by 10%, you get **B341A6**, and if you desaturate by 10%, it is **B365AA**.

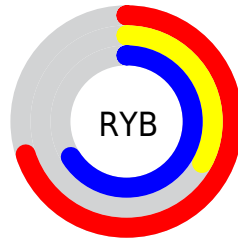
Distribution



Red (70%)

Green (33%)

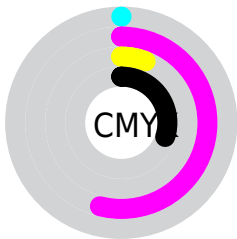
Blue (66%)



Red (70%)

Yellow (33%)

Blue (66%)

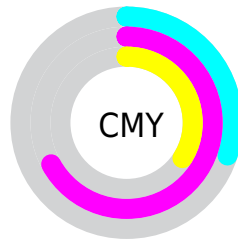


Cyan (0%)

Magenta (54%)

Yellow (6%)

Black (30%)



Cyan (30%)

Magenta (67%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color B353A8 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 B353A8 by changing the saturation by 10% instead.

 B353A8

 B353A8

FFFFFF

 97388D

 ED88DF

 7C1C74

 FFA4FC

 61005B


 FFC0FF

 470043

 FFDDFF

 31002D

 FFFAFF

 080017

 000000

 B353A8

 B353A8

 B341A6

 B365AA

 B32FA4

 B377AC

 B31DA2

 B389AE

 B30BA0

 B39BB0

 B3009E

 B3ACB2

 B3BEB4

 B3D0B6

 B3E2B8

 B3F4BA

Harmonies

Analogous

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



786ACC



B353A8



CD4578

Triad

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



B353A8



8E7600



008EA9

Complementary

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



B353A8



53B35E

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.



008E77



B353A8



5D8316

Square

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



B353A8



B4631E



008B45



0089CD

Rectangle

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



B353A8



CE4958



008B45



008E99

Sweetspot

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



B353A8



E8C3E4



5D53B3



755F73



F5F5F5



757575

Same Dimension

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



B353A8



E854D7



B35379



595058



990087



1A0017

Inverse Universe

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



B353A8



E854D7



53B38D



595058



990087



1A0017

Previews

White Background



This preview shows how the Hex color B353A8 looks on a white background.

Color Contrast Check

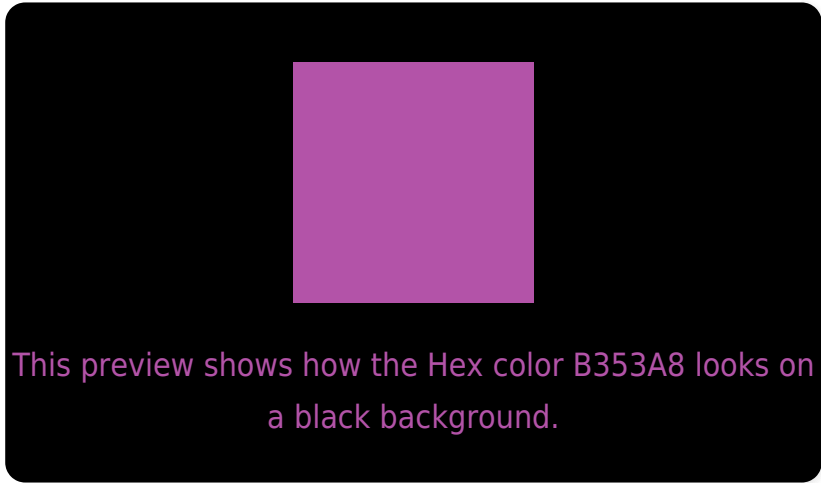
Large Text (above 18pt) WCAG AA ✓ Pass

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

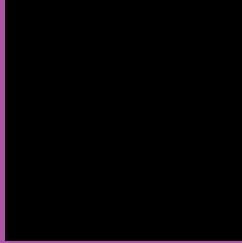
Any Text WCAG AA ✓ Pass

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 B353A8 Background



This preview shows how black text looks on a background with the Hex color B353A8.

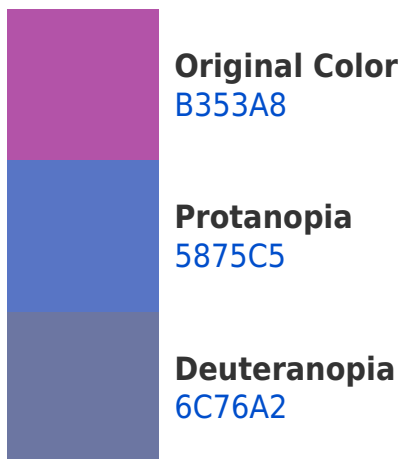


This preview shows how white text looks on a background with the Hex color B353A8.

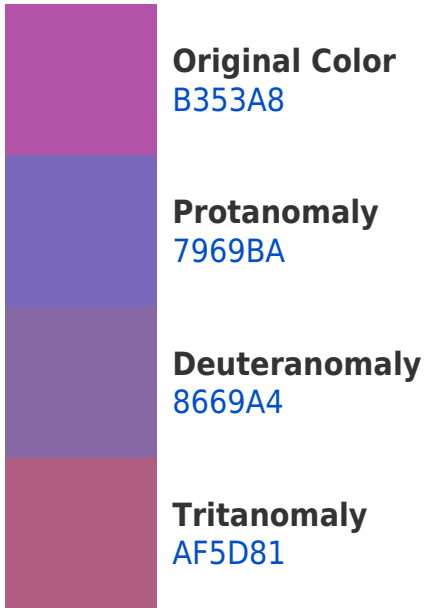
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B353A8 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 #B353A8 looks like.

```
.text, #text, p{  
    color:#B353A8  
}
```

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 #B353A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B353A8
}
```

Border

The CSS property to change the border of an element to Hex B353A8 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
#B353A8 }
```

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

```
.border{ border-color:#B353A8 }
```

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

Here you see how a box with a 4 pixel #B353A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B353A8; -webkit-box-shadow:4px 4px  
4px 4px #B353A8; box-shadow:4px 4px 4px  
4px #B353A8 }
```

Background

The CSS property to change the background color of an element to Hex B353A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B353A8 }
```

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

```
.background{ background-color:#B353A8 }
```

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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