

Converting Colors

Hex(B455AA)

Have a look what the booklet for
Hex(B455AA) contains.

Hex(B455AA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B455AA)

Conversions

Conversions Part 1	
Format	Color
Hex	B455AA
RGB	180, 85, 170
RGB Percent	71%, 33%, 67%
CMY	0.2941, 0.6667, 0.3333
CMYK	0.00, 0.53, 0.06, 0.29
HSL	306°, 39%, 52%
HSV	306°, 53%, 71%
XYZ	29.3266, 19.1026, 40.1717
YIQ	123.0950, 29.3350, 46.5750

Conversions

Conversions Part 2

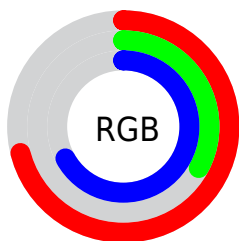
Format	Color
RYB	180, 85, 170
Decimal	11818410
CIELab	50.81, 49.90, -28.26
CIELCh	51, 57.351, 330.478
Yxy	19.1026, 0.3310, 0.2156
Android (android.graphics.Color)	4290008490 (0xFFB455AA)
YUV	123.0950, 23.1242, 49.9057
Hunter-Lab	43.7065, 43.2852, -23.9003

Details

The Hex color **B455AA** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **55B45F**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **EE8AE2**, and **7D1E75** is the 20% darker color. If you saturate the color by 10%, you get **B443A8**, and if you desaturate by 10%, it is **B467AC**.

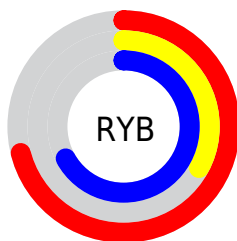
Distribution



Red (71%)

Green (33%)

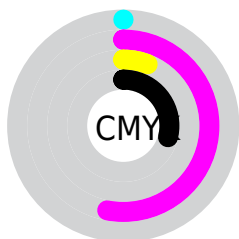
Blue (67%)



Red (71%)

Yellow (33%)

Blue (67%)

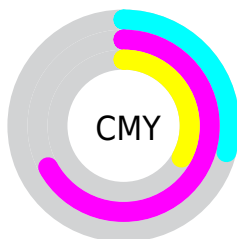


Cyan (0%)

Magenta (53%)

Yellow (6%)

Black (29%)



Cyan (29%)

Magenta (67%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color B455AA 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 B455AA by changing the saturation by 10% instead.

 B455AA

FFFFFF

 EE8AE2

 FFA6FE

 FFC2FF

 FFDFFF

 FFCCFF

 B455AA

 983A8F

 7D1E75

 62005D

 480045

 31002E

 0C0018

 000000

 B455AA

 B443A8

 B455AA

 B467AC

 B431A6

 B479AE

 B41FA4

 B48BB0

 B40DA2

 B49DB2

 B400A1

 B4AFB3

 B4C1B5

 B4D3B7

 B4E5B9

 B4F7BB

Harmonies

Analogous

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



786CCE



B455AA



CE477A

Triad

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



B455AA



907700



008FA9

Complementary

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



B455AA



55B45F

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.



008F78



B455AA



5F8418

Square

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



B455AA



B66420



008C46



008ACE

Rectangle

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



B455AA



D04A5A



008C46



00909A

Sweetspot

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



B455AA



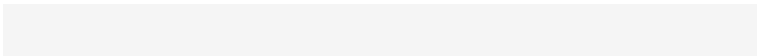
EBC5E7



5E55B4



755F73



F5F5F5



757575

Same Dimension

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



B455AA



EB57DB



B4557B



595058



990089



1A0017

Inverse Universe

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



B455AA



EB57DB



55B48E



595058



990089



1A0017

Previews

White Background



This preview shows how the Hex color B455AA looks on a white background.

Color Contrast Check

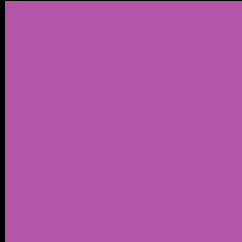
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color B455AA looks on a 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 B455AA Background



This preview shows how black text looks on a background with the Hex color B455AA.



This preview shows how white text looks on a background with the Hex color B455AA.

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



Original Color

B455AA





Protanopia

5A77C6




Deuteranopia

6D78A4

Trichromacy

	Original Color B455AA
	Protanomaly 7B6BBC
	Deuteranomaly 876BA6
	Tritanomaly B05F83

Monochromacy

	Original Color B455AA
	Achromatopsia 7B7B7B
	Achromatomaly 906D8C

CSS Examples

Text

The CSS property to change the color of the text to Hex B455AA 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 #B455AA looks like.

```
.text, #text, p{  
    color:#B455AA  
}
```

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 #B455AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B455AA
}
```

Border

The CSS property to change the border of an element to Hex B455AA 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
#B455AA }
```

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

```
.border{ border-color:#B455AA }
```

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

Here you see how a box with a 4 pixel #B455AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B455AA; -webkit-box-shadow:4px 4px  
4px 4px #B455AA; box-shadow:4px 4px 4px  
4px #B455AA }
```

Background

The CSS property to change the background color of an element to Hex B455AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B455AA }
```

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

```
.background{ background-color:#B455AA }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor