

Converting Colors

Hex(B7458A)

Have a look what the booklet for
Hex(B7458A) contains.

Hex(B7458A)	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(B7458A)

Conversions

Conversions Part 1

Format	Color
Hex	B7458A
RGB	183, 69, 138
RGB Percent	72%, 27%, 54%
CMY	0.2824, 0.7294, 0.4588
CMYK	0.00, 0.62, 0.25, 0.28
HSL	324°, 45%, 49%
HSV	324°, 62%, 72%
XYZ	26.2440, 16.1585, 25.7804
YIQ	110.9520, 45.7950, 45.6270

Conversions

Conversions Part 2

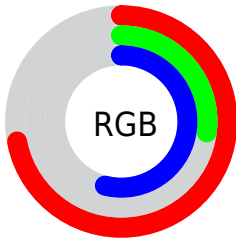
Format	Color
R_{YB}	183, 69, 138
Decimal	12010890
CIE _{Lab}	47.18, 53.25, -14.80
CIE _{LCh}	47, 55.269, 344.473
Yxy	16.1585, 0.3849, 0.2370
Android (android.graphics.Color)	4290200970 (0xFFB7458A)
YUV	110.9520, 13.3347, 63.1861
Hunter-Lab	40.1976, 46.1922, -9.8868

Details

The Hex color **B7458A** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **45B772**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **F27BC0**, and **7F0058** is the 20% darker color. If you saturate the color by 10%, you get **B73383**, and if you desaturate by 10%, it is **B75791**.

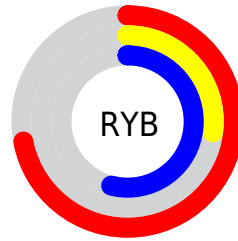
Distribution



Red (72%)

Green (27%)

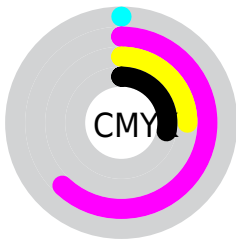
Blue (54%)



Red (72%)

Yellow (27%)

Blue (54%)

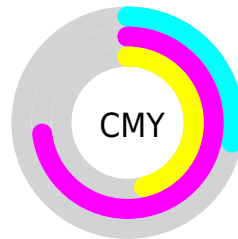


Cyan (0%)

Magenta (62%)

Yellow (25%)

Black (28%)



Cyan (28%)

Magenta (73%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7458A 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 B7458A by changing the saturation by 10% instead.

 B7458A

 B7458A

FFFFFF

 9A2871

 F27BC0

 7F0058

 FF97DB

 630041

 FFB3F8

 48002A

 FFD0FF

 300016

 FFEDFF

 000000

 B7458A

 B7458A

 B73383

 B75791

 B7207C

 B76A98

 B70E74

 B77CA0

 B7006F

 B78EA7

 B7A1AE

 B7B3B5

 B7C5BD

 B7D7C4

 B7EACB

Harmonies

Analogous

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



8E59B3



B7458A



C3415B

Triad

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



B7458A



717500



0083B0

Complementary

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



B7458A



45B772

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.



008586



B7458A



3A7F27

Square

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



B7458A



9A6506



008455



007CCA

Rectangle

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



B7458A



BD4A3E



008455



0085A3

Sweetspot

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



B7458A



EDC0DB



7145B7



785C6D



F7F7F7



787878

Same Dimension

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



B7458A



ED3BA7



B74552



5C5358



9C005E



1C0011

Inverse Universe

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



B7458A



ED3BA7



45B7AA



5C5358



9C005E



1C0011

Previews

White Background



This preview shows how the Hex color B7458A looks on a white background.

Color Contrast Check

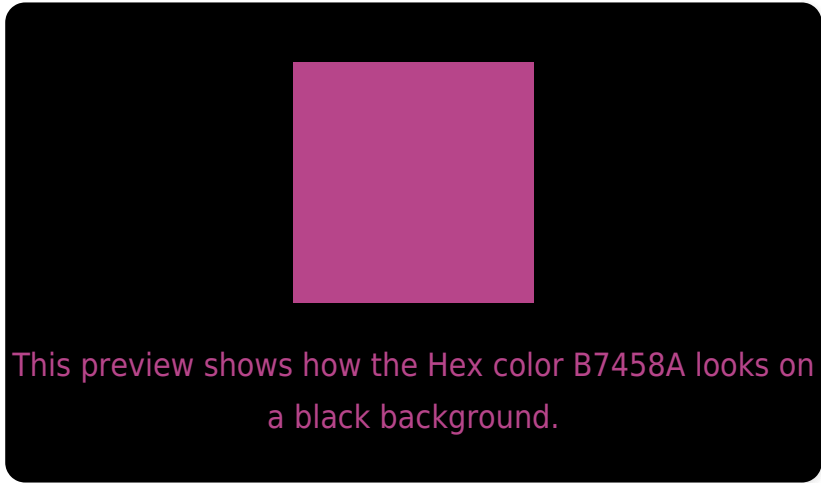
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B7458A Background



This preview shows how black text looks on a background with the Hex color B7458A.

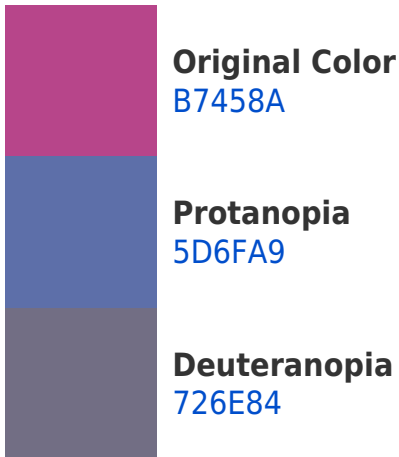


This preview shows how white text looks on a background with the Hex color B7458A.

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
B35157

Trichromacy



Original Color
B7458A



Protanomaly
7E609E



Deuteranomaly
8B5F86

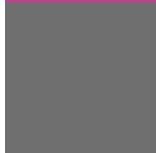


Tritanomaly
B44D6A

Monochromacy



Original Color
B7458A



Achromatopsia
6F6F6F



Achromatomaly
896079

CSS Examples

Text

The CSS property to change the color of the text to Hex B7458A 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 #B7458A looks like.

```
.text, #text, p{  
    color:#B7458A  
}
```

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 #B7458A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7458A
}
```

Border

The CSS property to change the border of an element to Hex B7458A is called "border". The border property can be set on classes, ids or directly on the HTML element.

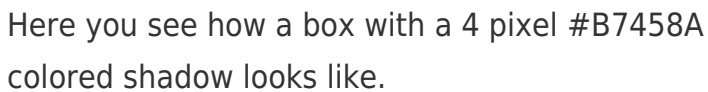
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B7458A }
```

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

```
.border{ border-color:#B7458A }
```

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



Here you see how a box with a 4 pixel #B7458A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7458A; -webkit-box-shadow:4px 4px  
4px 4px #B7458A; box-shadow:4px 4px 4px  
4px #B7458A }
```

Background

The CSS property to change the background color of an element to Hex B7458A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7458A }
```

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

```
.background{ background-color:#B7458A }
```

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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