

Converting Colors

Hex(CB558B)

Have a look what the booklet for
Hex(CB558B) contains.

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Color

Hex(CB558B)

Conversions

Conversions Part 1

Format	Color
Hex	CB558B
RGB	203, 85, 139
RGB Percent	80%, 33%, 55%
CMY	0.2039, 0.6667, 0.4549
CMYK	0.00, 0.58, 0.32, 0.20
HSL	333°, 53%, 56%
HSV	333°, 58%, 80%
XYZ	32.5373, 21.0576, 26.7757
YIQ	126.4380, 52.9940, 41.8100

Conversions

Conversions Part 2

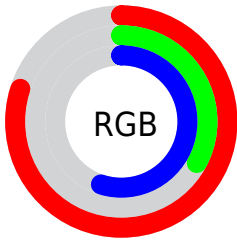
Format	Color
R_{YB}	203, 85, 139
Decimal	13325707
CIE _{Lab}	53.01, 52.30, -6.31
CIE _{LCh}	53, 52.684, 353.116
Yxy	21.0576, 0.4048, 0.2620
Android (android.graphics.Color)	4291515787 (0xFFCB558B)
YUV	126.4380, 6.1931, 67.1449
Hunter-Lab	45.8885, 46.2606, -2.4734

Details

The Hex color **CB558B** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **55CB95**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF8BC0**, and **911B59** is the 20% darker color. If you saturate the color by 10%, you get **CB4180**, and if you desaturate by 10%, it is **CB6996**.

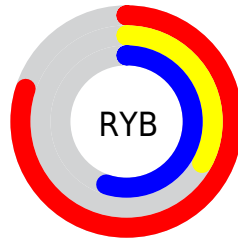
Distribution



Red (80%)

Green (33%)

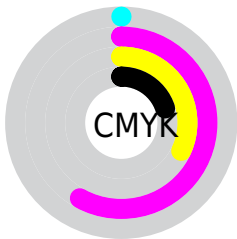
Blue (55%)



Red (80%)

Yellow (33%)

Blue (55%)

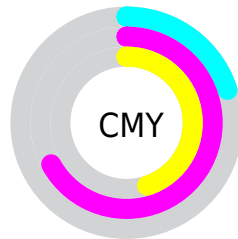


Cyan (0%)

Magenta (58%)

Yellow (32%)

Black (20%)



Cyan (20%)

Magenta (67%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB558B 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 CB558B by changing the saturation by 10% instead.


 CB558B

 CB558B

FFFFFF

 AE3A72

 FF8BC0

 911B59

 FFA7DC

 750042

 FFC4F9

 5A002C

 FFE0FF

 400018

FFFEFF

 240001

 000000

 CB558B

 CB558B

 CB4180

 CB6996

 CB2C75

 CB7EA1

 CB186A

 CB92AC

 CB045F

 CBA6B7

 CB005D

 CBBBC2

 CBCFCD

 CBE3D8

 CBF7E3

 CBFFEE

Harmonies

Analogous

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



AB63B6



CB558B



D0575E

Triad

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



CB558B



748723



0090C6

Complementary

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



CB558B



55CB95

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.



0094A1



CB558B



398F45

Square

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



CB558B



9F791C



009472



0087D9

Rectangle

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



CB558B



C76142



009472



0092BC

Sweetspot

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



CB558B



FFD4E7



9455CB



806672



000000



808080

Same Dimension

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



CB558B



FF4D9E



CB5955



665C60



A6004C



260012

Inverse Universe

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



CB558B



FF4D9E



55C7CB



665C60



A6004C



260012

Previews

White Background



This preview shows how the Hex color CB558B looks on a white background.

Color Contrast Check

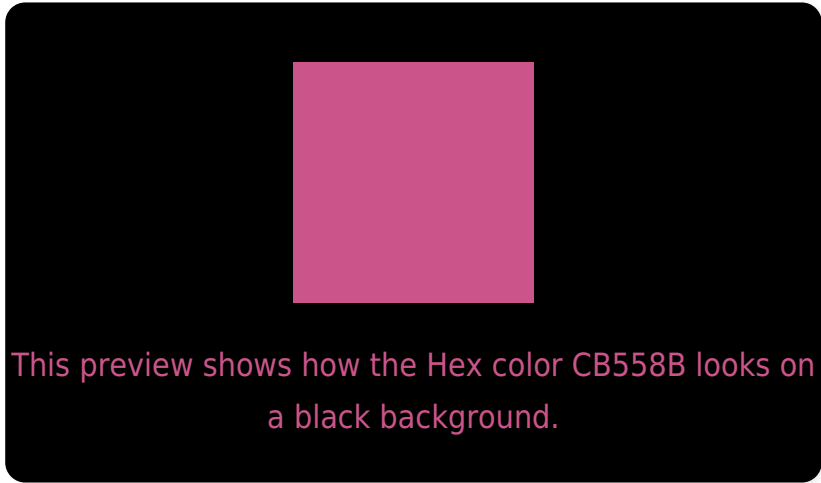
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB558B Background



This preview shows how black text looks on a background with the Hex color CB558B.



This preview shows how white text looks on a background with the Hex color CB558B.

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
CB58B8

Protanopia
747EA6

Deuteranopia
897B85



Tritanopia
C85D64

Trichromacy



Original Color
CB558B

Protanomaly
946F9C

Deuteranomaly
A16D87

Tritanomaly
C95A72

Monochromacy



Original Color
CB558B

Achromatopsia
7E7E7E

Achromatomaly
9A6F83

CSS Examples

Text

The CSS property to change the color of the text to Hex CB558B 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 #CB558B looks like.

```
.text, #text, p{  
    color:#CB558B  
}
```

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 #CB558B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB558B
}
```

Border

The CSS property to change the border of an element to Hex CB558B 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
#CB558B }
```

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

```
.border{ border-color:#CB558B }
```

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

Here you see how a box with a 4 pixel #CB558B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB558B; -webkit-box-shadow:4px 4px  
4px 4px #CB558B; box-shadow:4px 4px 4px  
4px #CB558B }
```

Background

The CSS property to change the background color of an element to Hex CB558B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB558B }
```

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

```
.background{ background-color:#CB558B }
```

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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