

Converting Colors

Hex(CB5196)

Have a look what the booklet for
Hex(CB5196) contains.

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Color

Hex(CB5196)

Conversions

Conversions Part 1

Format	Color
Hex	CB5196
RGB	203, 81, 150
RGB Percent	80%, 32%, 59%
CMY	0.2039, 0.6824, 0.4118
CMYK	0.00, 0.60, 0.26, 0.20
HSL	326°, 54%, 56%
HSV	326°, 60%, 80%
XYZ	33.0761, 20.7834, 31.1225
YIQ	125.3440, 50.5630, 47.3230

Conversions

Conversions Part 2

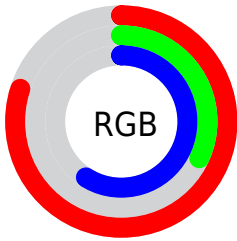
Format	Color
R_{YB}	203, 81, 150
Decimal	13324694
CIE _{Lab}	52.71, 55.52, -13.28
CIE _{LCh}	53, 57.086, 346.551
Yxy	20.7834, 0.3892, 0.2446
Android (android.graphics.Color)	4291514774 (0xFFCB5196)
YUV	125.3440, 12.1554, 68.1043
Hunter-Lab	45.5888, 49.7268, -8.5638

Details

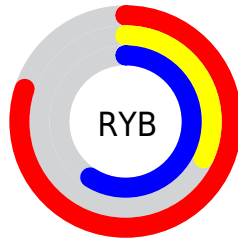
The Hex color **CB5196** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **51CB86**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF88CC**, and **911263** is the 20% darker color. If you saturate the color by 10%, you get **CB3D8D**, and if you desaturate by 10%, it is **CB659F**.

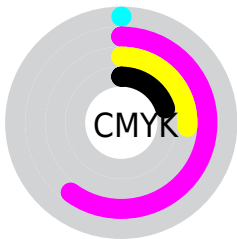
Distribution



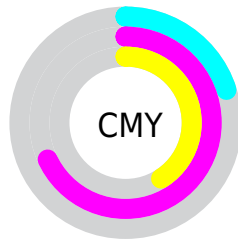
- Red (80%)
- Green (32%)
- Blue (59%)



- Red (80%)
- Yellow (32%)
- Blue (59%)



- Cyan (0%)
- Magenta (60%)
- Yellow (26%)
- Black (20%)



- Cyan (20%)
- Magenta (68%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB5196 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 CB5196 by changing the saturation by 10% instead.

 CB5196

 CB5196

FFFFFF

 AE357C

 FF88CC

 911263

 FFA4E8

 75004B

 FFC0FF

 5A0034

 FFDDFF

 40001F

 FFFBFF

 250003

 000000

 CB5196

 CB5196

 CB3D8D

 CB659F

 CB2884

 CB7AA8

 CB147C

 CB8EB0

 CB0073

 CBA2B9

 CBB7C2

 CBCBCB

 CBDFD4

 CBF3DD

 CBFFE5

Harmonies

Analogous

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



A264C2



CB5196



D64F65

Triad

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



CB5196



7D840D



0092C4

Complementary

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



CB5196



51CB86

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.



009598



CB5196



428E35

Square

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



CB5196



A87312



009365



008ADD

Rectangle

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



CB5196



CF5846



009365



0094B7

Sweetspot

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



CB5196



FFD1EB



8651CB



806373



000000



808080

Same Dimension

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



CB5196



FF47AF



CB5159



665C62



A6005E



260016

Inverse Universe

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



CB5196



FF47AF



51CBC3



665C62



A6005E



260016

Previews

White Background



This preview shows how the Hex color CB5196 looks on a white background.

Color Contrast Check

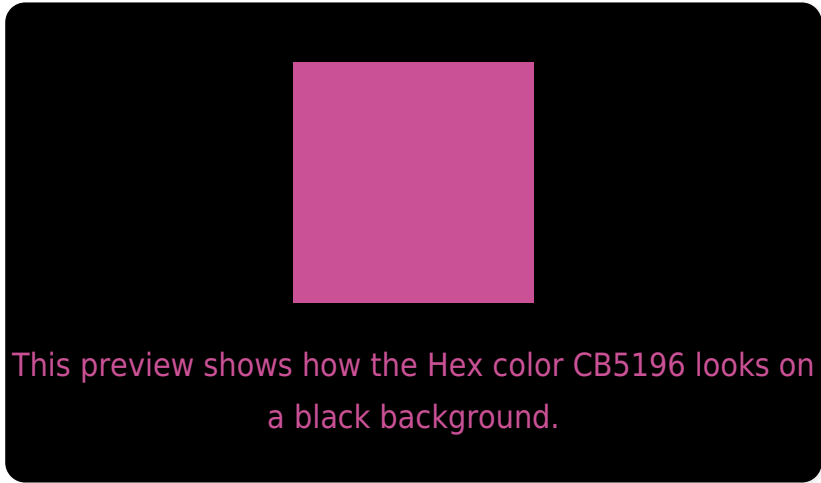
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB5196 Background



This preview shows how black text looks on a background with the Hex color CB5196.

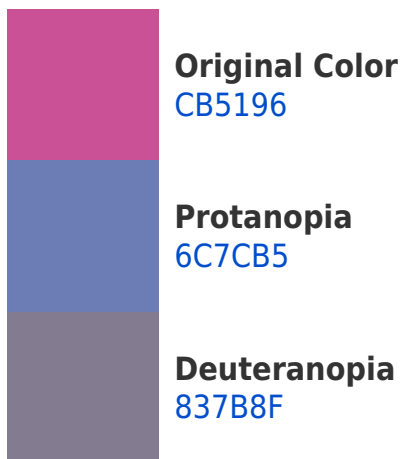



This preview shows how white text looks on a background with the Hex color CB5196.

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
C75D63

Trichromacy



Original Color
CB5196



Protanomaly
8F6CAA



Deuteranomaly
9D6C92

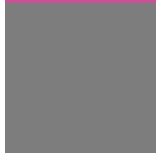


Tritanomaly
C85976

Monochromacy



Original Color
CB5196



Achromatopsia
7D7D7D



Achromatomaly
996D86

CSS Examples

Text

The CSS property to change the color of the text to Hex CB5196 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 #CB5196 looks like.

```
.text, #text, p{  
    color:#CB5196  
}
```

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 #CB5196 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB5196
}
```

Border

The CSS property to change the border of an element to Hex CB5196 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
#CB5196 }
```

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

```
.border{ border-color:#CB5196 }
```

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

Here you see how a box with a 4 pixel #CB5196 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB5196; -webkit-box-shadow:4px 4px  
4px 4px #CB5196; box-shadow:4px 4px 4px  
4px #CB5196 }
```

Background

The CSS property to change the background color of an element to Hex CB5196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB5196 }
```

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

```
.background{ background-color:#CB5196 }
```

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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