

Converting Colors

Hex(CB4195)

Have a look what the booklet for
Hex(CB4195) contains.

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Color

Hex(CB4195)

Conversions

Conversions Part 1

Format	Color
Hex	CB4195
RGB	203, 65, 149
RGB Percent	80%, 25%, 58%
CMY	0.2039, 0.7451, 0.4157
CMYK	0.00, 0.68, 0.27, 0.20
HSL	323°, 57%, 53%
HSV	323°, 68%, 80%
XYZ	31.9437, 18.6470, 30.3494
YIQ	115.8380, 55.2840, 55.3800

Conversions

Conversions Part 2

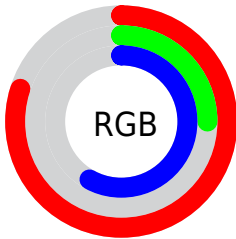
Format	Color
R_{YB}	203, 65, 149
Decimal	13320597
CIE _{Lab}	50.27, 61.98, -16.38
CIE _{LCh}	50, 64.107, 345.193
Yxy	18.6470, 0.3947, 0.2304
Android (android.graphics.Color)	4291510677 (0xFFFCB4195)
YUV	115.8380, 16.3489, 76.4411
Hunter-Lab	43.1822, 56.4752, -11.4427

Details

The Hex color **CB4195** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **41CB77**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF7ACB**, and **910062** is the 20% darker color. If you saturate the color by 10%, you get **CB2D8D**, and if you desaturate by 10%, it is **CB559D**.

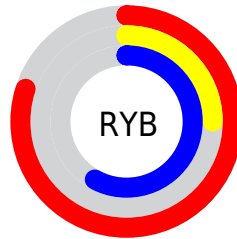
Distribution



Red (80%)

Green (25%)

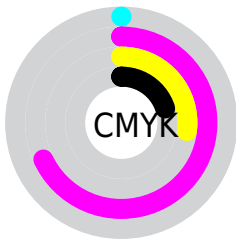
Blue (58%)



Red (80%)

Yellow (25%)

Blue (58%)

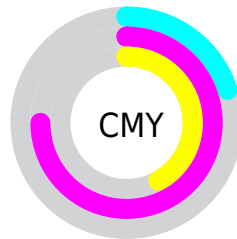


Cyan (0%)

Magenta (68%)

Yellow (27%)

Black (20%)



Cyan (20%)

Magenta (75%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB4195 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 CB4195 by changing the saturation by 10% instead.

 CB4195

 CB4195

FFFFFF

 AE207B

 FF7ACB

 910062

 FF97E7

 74004A

 FFB3FF

 590033

 FFD0FF

 3F001F

 FFEDFF

 220001

 000000

 CB4195

 CB4195

 CB2D8D

 CB559D

 CB1885

 CB6AA5

 CB047D

 CB7EAD

 CB007C

 CB92B5

 CBA7BD

 CBBBC5

 CBCFCD

 CBE3D5

 CBF8DC

Harmonies

Analogous

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



9C5BC5



CB4195



D83C5E

Triad

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



CB4195



767E00



008EC4

Complementary

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



CB4195



41CB77

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.



009093



CB4195



328921

Square

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



CB4195



A66B00



008F5A



0086E2

Rectangle

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



CB4195



D04A3C



008F5A



008FB5

Sweetspot

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



CB4195



FFCCEB



7641CB



806174



000000



808080

Same Dimension

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



CB4195



FF2EAD



CB4151



665C62



A60065



260017

Inverse Universe

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



CB4195



FF2EAD



41CBBB



665C62



A60065



260017

Previews

White Background



This preview shows how the Hex color CB4195 looks on a white background.

Color Contrast Check

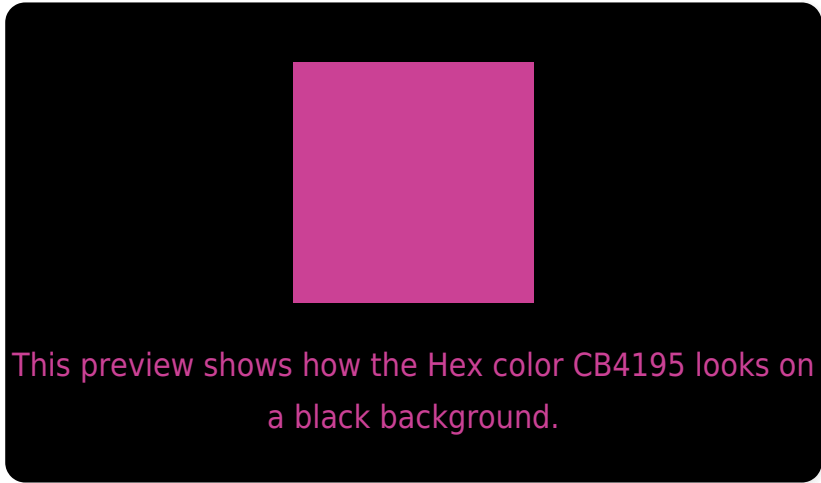
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB4195 Background



This preview shows how black text looks on a background with the Hex color CB4195.

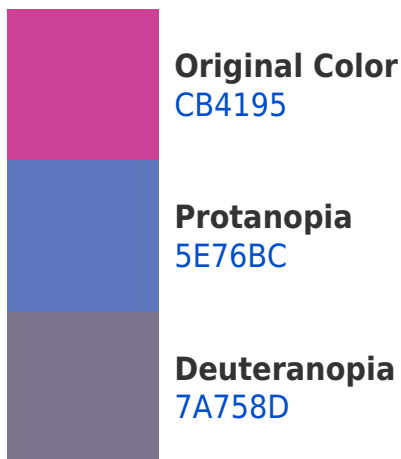


This preview shows how white text looks on a background with the Hex color CB4195.

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](#).

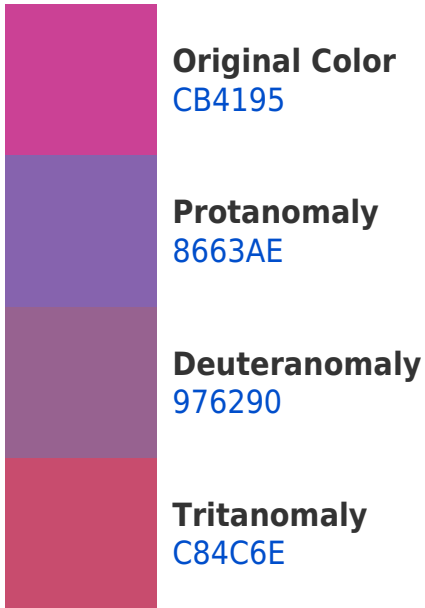
Dichromacy



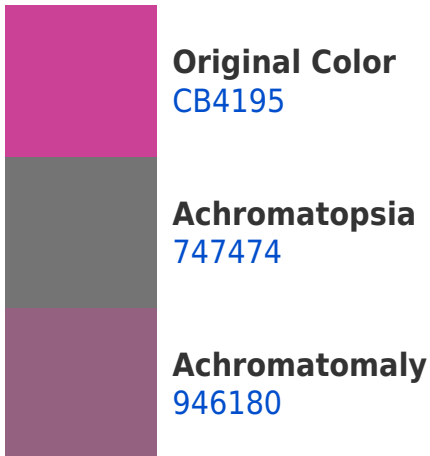


Tritanopia
C65257

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB4195 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 #CB4195 looks like.

```
.text, #text, p{  
    color:#CB4195  
}
```

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 #CB4195 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB4195
}
```

Border

The CSS property to change the border of an element to Hex CB4195 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
#CB4195 }
```

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

```
.border{ border-color:#CB4195 }
```

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

Here you see how a box with a 4 pixel #CB4195 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB4195; -webkit-box-shadow:4px 4px  
4px 4px #CB4195; box-shadow:4px 4px 4px  
4px #CB4195 }
```

Background

The CSS property to change the background color of an element to Hex CB4195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB4195 }
```

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

```
.background{ background-color:#CB4195 }
```

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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