

Converting Colors

Hex(C200B8)

Have a look what the booklet for
Hex(C200B8) contains.

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Color

Hex(C200B8)

Conversions

Conversions Part 1

Format	Color
Hex	C200B8
RGB	194, 0, 184
RGB Percent	76%, 0%, 72%
CMY	0.2392, 1.0000, 0.2784
CMYK	0.00, 1.00, 0.05, 0.24
HSL	303°, 100%, 38%
HSV	303°, 100%, 76%
XYZ	30.8999, 14.9300, 46.6006
YIQ	78.9820, 56.5600, 98.3520

Conversions

Conversions Part 2

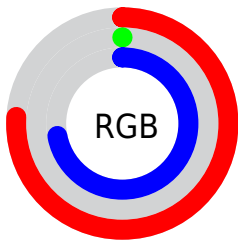
Format	Color
RYB	194, 0, 184
Decimal	12714168
CIELab	45.54, 78.55, -44.62
CIElCh	46, 90.340, 330.402
Yxy	14.9300, 0.3343, 0.1615
Android (android.graphics.Color)	4290904248 (0xFFC200B8)
YUV	78.9820, 51.7739, 100.8708
Hunter-Lab	38.6394, 75.1272, -44.4584

Details

The Hex color **C200B8** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **00C20A**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **FE5AF1**, and **870082** is the 20% darker color. If you saturate the color by 10%, you get **C200B8**, and if you desaturate by 10%, it is **C213B9**.

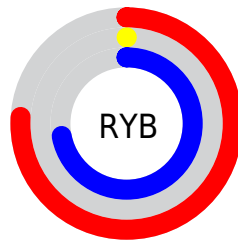
Distribution



Red (76%)

Green (0%)

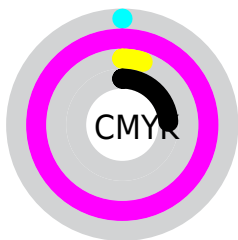
Blue (72%)



Red (76%)

Yellow (0%)

Blue (72%)

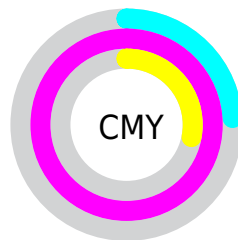


Cyan (0%)

Magenta (100%)

Yellow (5%)

Black (24%)



Cyan (24%)

Magenta (100%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color C200B8 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 C200B8 by changing the saturation by 10% instead.

 C200B8

 C200B8

FFFFFF

 A5009D

 FE5AF1

 870082

 FF78FF

 6B0068

 FF96FF

 4F0050

 FFB3FF

 340038

 FFD1FF

 110021

 FFEFFF

 000006

 000000

 C200B8

 C213B9

 C227BA

 C23ABB

 C24EBC

 C261BD

 C274BE

 C288BF

 C29BC0

 C2AFC1

Harmonies

Analogous

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



5456F1



C200B8



E7006E

Triad

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



C200B8



836A00



0089B7

Complementary

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



C200B8



00C20A

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.



00886B



C200B8



317C00

Square

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



C200B8



BC4600



008511



0086F1

Rectangle

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



C200B8



E7003E



008511



00899F

Sweetspot

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



C200B8



FCB1F9



0A00C2



80527D



000000



808080

Same Dimension

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



C200B8



FC00EF



C20057



615760



A10098



21001F

Inverse Universe

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



C200B8



FC00EF



00C26B



615760



A10098



21001F

Previews

White Background



This preview shows how the Hex color C200B8 looks on a white background.

Color Contrast Check

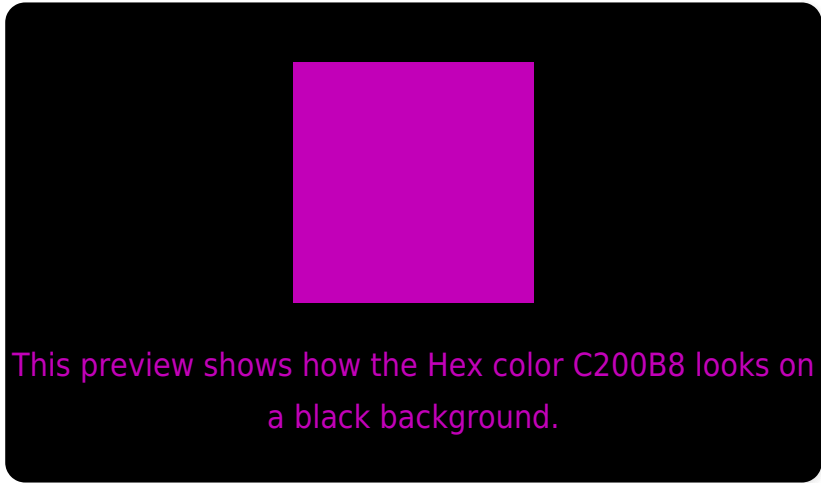
Large Text (above 18pt) WCAG AA ✓ Pass

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

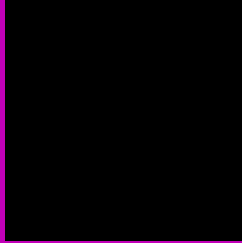
Any Text WCAG AA × Fail

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 C200B8 Background



This preview shows how black text looks on a background with the Hex color C200B8.

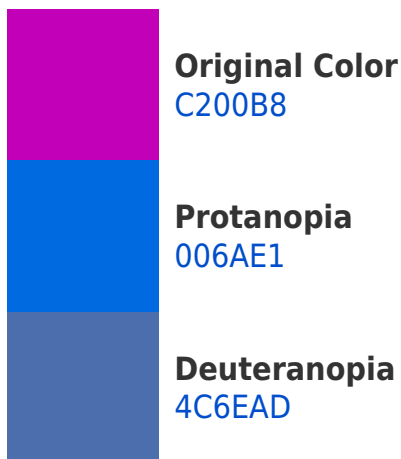



This preview shows how white text looks on a background with the Hex color C200B8.

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
B7484D

Trichromacy



Original Color
C200B8



Protanomaly
4743D2



Deuteranomaly
7746B1



Tritanomaly
BB2E74

Monochromacy



Original Color
C200B8



Achromatopsia
4F4F4F



Achromatomaly
793275

CSS Examples

Text

The CSS property to change the color of the text to Hex C200B8 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 #C200B8 looks like.

```
.text, #text, p{  
    color:#C200B8  
}
```

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 #C200B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C200B8
}
```

Border

The CSS property to change the border of an element to Hex C200B8 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
#C200B8 }
```

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

```
.border{ border-color:#C200B8 }
```

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

Here you see how a box with a 4 pixel #C200B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C200B8; -webkit-box-shadow:4px 4px  
4px 4px #C200B8; box-shadow:4px 4px 4px  
4px #C200B8 }
```

Background

The CSS property to change the background color of an element to Hex C200B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C200B8 }
```

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

```
.background{ background-color:#C200B8 }
```

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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