

Converting Colors

Hex(CB0091)

Have a look what the booklet for
Hex(CB0091) contains.

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Color

Hex(CB0091)

Conversions

Conversions Part 1

Format	Color
Hex	CB0091
RGB	203, 0, 145
RGB Percent	80%, 0%, 57%
CMY	0.2039, 1.0000, 0.4314
CMYK	0.00, 1.00, 0.29, 0.20
HSL	317°, 100%, 40%
HSV	317°, 100%, 80%
XYZ	29.7394, 14.7408, 28.0659
YIQ	77.2270, 74.4430, 88.1310

Conversions

Conversions Part 2

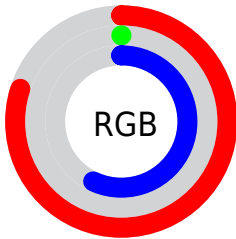
Format	Color
R_{YB}	203, 0, 145
Decimal	13303953
CIE _{Lab}	45.28, 75.32, -21.63
CIE _{LCh}	45, 78.363, 343.975
Yxy	14.7408, 0.4099, 0.2032
Android (android.graphics.Color)	4291494033 (0xFFCB0091)
YUV	77.2270, 33.4121, 110.3029
Hunter-Lab	38.3938, 71.0751, -16.4653

Details

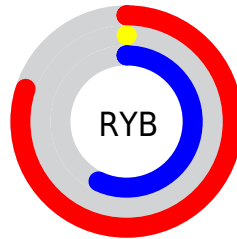
The Hex color **CB0091** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **00CB3A**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF59C7**, and **8F005E** is the 20% darker color. If you saturate the color by 10%, you get **CB0091**, and if you desaturate by 10%, it is **CB1497**.

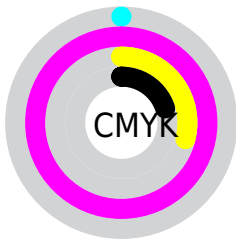
Distribution



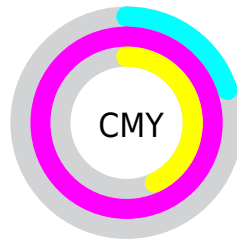
- Red (80%)
- Green (0%)
- Blue (57%)



- Red (80%)
- Yellow (0%)
- Blue (57%)



- Cyan (0%)
- Magenta (100%)
- Yellow (29%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB0091 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 CB0091 by changing the saturation by 10% instead.

 CB0091

 CB0091

FFFFFF

 AD0077

 FF59C7

 8F005E

 FF78E3

 720046

 FF96FF

 560030

 FFB3FF

 3A001B

 FFD1FF

 180001

 FFEFFF

 000000

 CB0091

 CB1497

 CB299D

 CB3DA2

 CB51A8

 CB66AE

 CB7AB4

 CB8EBA

 CBA2BF

 CBB7C5

Harmonies

Analogous

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



9147CB



CB0091



DA0050

Triad

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



CB0091



677200



0085C6

Complementary

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



CB0091



00CB3A

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.



008689



CB0091



007E00

Square

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



CB0091



9F5B00



008444



007DEB

Rectangle

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



CB0091



D12126



008444



0086B3

Sweetspot

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



CB0091



FFB3E9



3A00CB



805272



000000



808080

Same Dimension

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



CB0091



FF00B6



CB002C



665C63



A60076



26001B

Inverse Universe

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



CB0091



FF00B6



00CB9F



665C63



A60076



26001B

Previews

White Background



This preview shows how the Hex color CB0091 looks on a white background.

Color Contrast Check

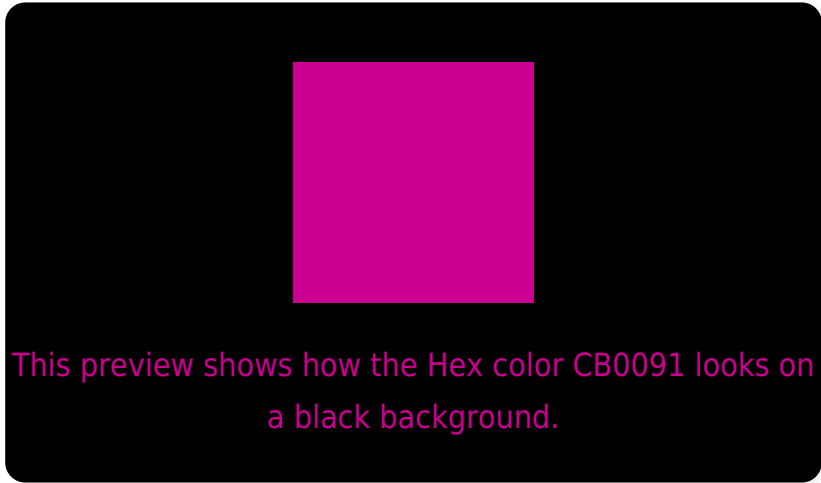
Large Text (above 18pt) WCAG AA ✓ Pass

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

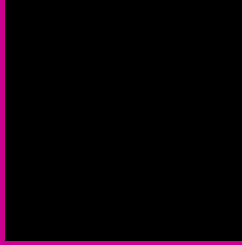
Any Text WCAG AA × Fail

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 CB0091 Background



This preview shows how black text looks on a background with the Hex color CB0091.



This preview shows how white text looks on a background with the Hex color CB0091.

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



Trichromacy



Original Color
CB0091



Protanomaly
6D43B8



Deuteranomaly
8E448B



Tritanomaly
C7245B

Monochromacy



Original Color
CB0091



Achromatopsia
4D4D4D



Achromatomaly
7B3166

CSS Examples

Text

The CSS property to change the color of the text to Hex CB0091 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 #CB0091 looks like.

```
.text, #text, p{  
    color:#CB0091  
}
```

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 #CB0091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB0091
}
```

Border

The CSS property to change the border of an element to Hex CB0091 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
#CB0091 }
```

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

```
.border{ border-color:#CB0091 }
```

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

Here you see how a box with a 4 pixel #CB0091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB0091; -webkit-box-shadow:4px 4px  
4px 4px #CB0091; box-shadow:4px 4px 4px  
4px #CB0091 }
```

Background

The CSS property to change the background color of an element to Hex CB0091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB0091 }
```

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

```
.background{ background-color:#CB0091 }
```

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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