

Converting Colors

Hex(CB0090)

Have a look what the booklet for
Hex(CB0090) contains.

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Color

Hex(CB0090)

Conversions

Conversions Part 1

Format	Color
Hex	CB0090
RGB	203, 0, 144
RGB Percent	80%, 0%, 56%
CMY	0.2039, 1.0000, 0.4353
CMYK	0.00, 1.00, 0.29, 0.20
HSL	317°, 100%, 40%
HSV	317°, 100%, 80%
XYZ	29.6626, 14.7101, 27.6615
YIQ	77.1130, 74.7640, 87.8200

Conversions

Conversions Part 2

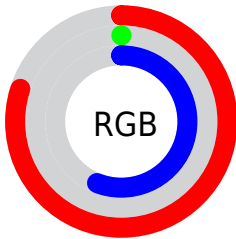
Format	Color
RYB	203, 0, 144
Decimal	13303952
CIELab	45.23, 75.21, -21.09
CIElCh	45, 78.111, 344.334
Yxy	14.7101, 0.4118, 0.2042
Android (android.graphics.Color)	4291494032 (0xFFCB0090)
YUV	77.1130, 32.9753, 110.4029
Hunter-Lab	38.3538, 70.9320, -15.9135

Details

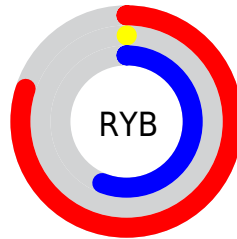
The Hex color **CB0090** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **00CB3B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF59C6**, and **8F005D** is the 20% darker color. If you saturate the color by 10%, you get **CB0090**, and if you desaturate by 10%, it is **CB1496**.

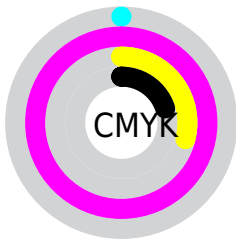
Distribution



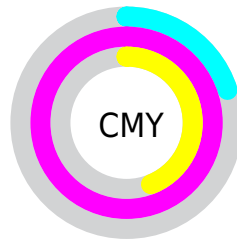
- Red (80%)
- Green (0%)
- Blue (56%)



- Red (80%)
- Yellow (0%)
- Blue (56%)



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



- Cyan (20%)
- Magenta (100%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB0090 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 CB0090 by changing the saturation by 10% instead.

 CB0090

 CB0090

FFFFFF

 AD0076

 FF59C6

 8F005D

 FF78E2

 720046

 FF96FF

 56002F

 FFB3FF

 3A001A

 FFD1FF

 180001

 FFEFFF

 000000

 CB0090

 CB1496

 CB299C

 CB3DA2

 CB51A8

 CB66AE

 CB7AB3

 CB8EB9

 CBA2BF

 CBB7C5

Harmonies

Analogous

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



9146CA



CB0090



D9004F

Triad

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



CB0090



667200



0085C6

Complementary

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



CB0090



00CB3B

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.



00868A



CB0090



007E00

Square

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



CB0090



9E5B00



008445



007DEA

Rectangle

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



CB0090



D02225



008445



0085B4

Sweetspot

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



CB0090



FFB3E9



3A00CB



805272



000000



808080

Same Dimension

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



CB0090



FF00B5



CB002C



665C63



A60076



26001B

Inverse Universe

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



CB0090



FF00B5



00CB9F



665C63



A60076



26001B

Previews

White Background



This preview shows how the Hex color CB0090 looks on a white background.

Color Contrast Check

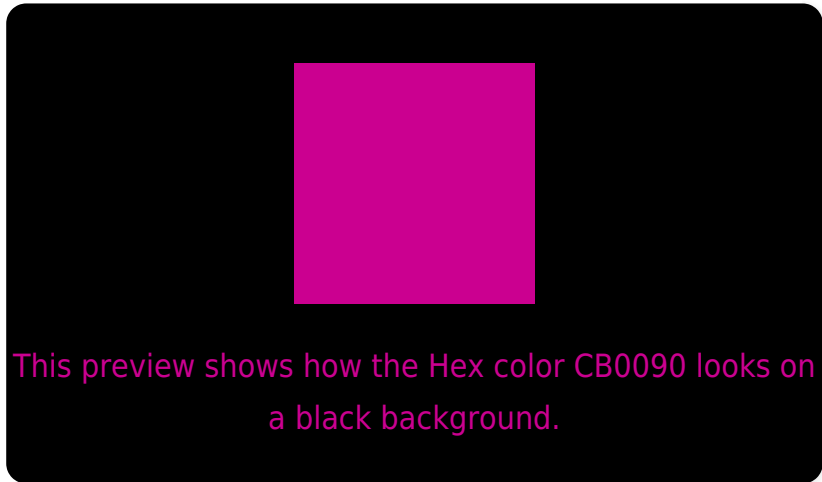
Large Text (above 18pt) WCAG AA ✓ Pass

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

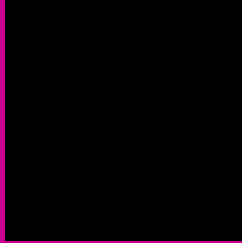
Any Text WCAG AA × Fail

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 CB0090 Background



This preview shows how black text looks on a background with the Hex color CB0090.

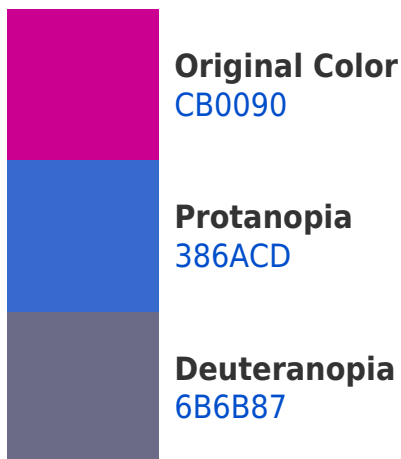



This preview shows how white text looks on a background with the Hex color CB0090.

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
C5393B

Trichromacy



Original Color
CB0090



Protanomaly
6D43B7



Deuteranomaly
8E448A

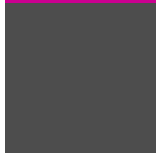


Tritanomaly
C7245A

Monochromacy



Original Color
CB0090



Achromatopsia
4D4D4D



Achromatomaly
7B3165

CSS Examples

Text

The CSS property to change the color of the text to Hex CB0090 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 #CB0090 looks like.

```
.text, #text, p{  
    color:#CB0090  
}
```

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 #CB0090 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB0090
}
```

Border

The CSS property to change the border of an element to Hex CB0090 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
#CB0090 }
```

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

```
.border{ border-color:#CB0090 }
```

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

Here you see how a box with a 4 pixel #CB0090 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB0090; -webkit-box-shadow:4px 4px  
4px 4px #CB0090; box-shadow:4px 4px 4px  
4px #CB0090 }
```

Background

The CSS property to change the background color of an element to Hex CB0090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB0090 }
```

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

```
.background{ background-color:#CB0090 }
```

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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