

# Converting Colors

Hex(CB24C3)

Have a look what the booklet for  
Hex(CB24C3) contains.

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**Color**

**Hex(CB24C3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB24C3
RGB	203, 36, 195
RGB Percent	80%, 14%, 76%
CMY	0.2039, 0.8588, 0.2353
CMYK	0.00, 0.82, 0.04, 0.20
HSL	303°, 70%, 47%
HSV	303°, 82%, 80%
XYZ	35.1098, 17.8984, 53.2340
YIQ	104.0590, 48.4930, 84.8530

# Conversions

## Conversions Part 2

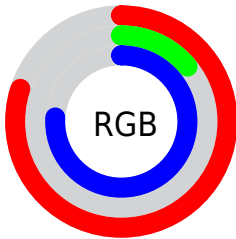
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	203, 36, 195
Decimal	13313219
CIE Lab	49.37, 76.98, -44.85
CIE LCh	49, 89.089, 329.776
Yxy	17.8984, 0.3305, 0.1685
Android (android.graphics.Color)	4291503299 (0xFFFCB24C3)
YUV	104.0590, 44.8339, 86.7713
Hunter-Lab	42.3065, 74.0993, -44.9897

# Details

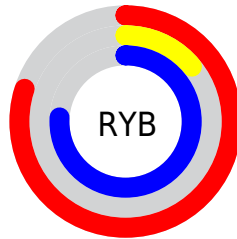
The Hex color **CB24C3** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted magenta. A complement of this color would be **24CB2C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF68FC**, and **90008D** is the 20% darker color. If you saturate the color by 10%, you get **CB10C2**, and if you desaturate by 10%, it is **CB38C4**.

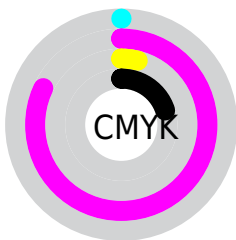
# Distribution



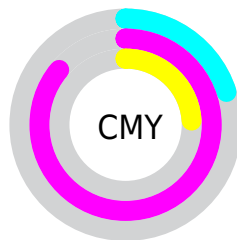
- Red (80%)
- Green (14%)
- Blue (76%)



- Red (80%)
- Yellow (14%)
- Blue (76%)



- Cyan (0%)
- Magenta (82%)
- Yellow (4%)
- Black (20%)



- Cyan (20%)
- Magenta (86%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB24C3 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 CB24C3 by changing the saturation by 10% instead.



 CB24C3

 CB24C3

FFFFFF

 AD00A7

 FF68FC

 90008D

 FF86FF

 740073

 FFA3FF

 570059

 FFC1FF

 3E0041

 FFDFFF

 1F002A

 FFFDFF

 000114

 000000

 CB24C3

 CB24C3

 CB10C2

 CB38C4

 CB00C1

 CB4DC5

 CB61C6

 CB75C7

 CB8AC8

 CB9EC9

 CBB2CA

 CBC6CB

 CBD BCC

# Harmonies

## Analogous

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



5E61FB



CB24C3



F1007A

# Triad

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



CB24C3



907300



0094BF

# Complementary

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



CB24C3



24CB2C

# 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.



009373



CB24C3



418600

# Square

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



CB24C3



C85000



008F1D



008FF9

# Rectangle

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



CB24C3



F20048



008F1D



0094A7



# Sweetspot

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



CB24C3



FFBFFC



2A24CB



80597E



000000



808080



# Same Dimension

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



CB24C3



FF03F3



CB2472



665C66



A6009E



260024



# Inverse Universe

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



CB24C3



FF03F3



24CB7D



665C66



A6009E



260024



# Previews

## White Background



This preview shows how the Hex color CB24C3 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 ✓ Pass

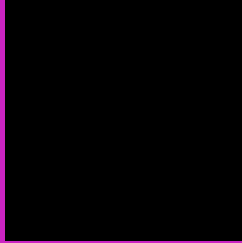
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CB24C3 Background



This preview shows how black text looks on a background with the Hex color CB24C3.



This preview shows how white text looks on a background with the Hex color CB24C3.

# 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**  
CB24C3



**Protanomaly**  
4A56E1



**Deuteranomaly**  
7F58BC



**Tritanomaly**  
C4417E

# Monochromacy



**Original Color**  
CB24C3



**Achromatopsia**  
686868



**Achromatomaly**  
8C4F89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB24C3 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 #CB24C3 looks like.

```
.text, #text, p{  
    color:#CB24C3  
}
```

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 #CB24C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB24C3
}
```

## Border

The CSS property to change the border of an element to Hex CB24C3 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
#CB24C3 }
```

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

```
.border{ border-color:#CB24C3 }
```

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

Here you see how a box with a 4 pixel #CB24C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB24C3; -webkit-box-shadow:4px 4px  
4px 4px #CB24C3; box-shadow:4px 4px 4px  
4px #CB24C3 }
```

# Background

The CSS property to change the background color of an element to Hex CB24C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB24C3 }
```

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

```
.background{ background-color:#CB24C3 }
```

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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