

# Converting Colors

Hex(CB3F82)

Have a look what the booklet for  
Hex(CB3F82) contains.

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**Color**

**Hex(CB3F82)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB3F82
RGB	203, 63, 130
RGB Percent	80%, 25%, 51%
CMY	0.2039, 0.7529, 0.4902
CMYK	0.00, 0.69, 0.36, 0.20
HSL	331°, 57%, 52%
HSV	331°, 69%, 80%
XYZ	30.4354, 17.8632, 22.9629
YIQ	112.4980, 61.9330, 50.5170

# Conversions

## Conversions Part 2

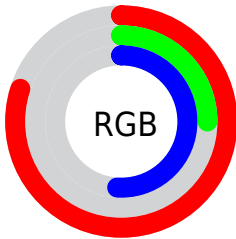
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 63, 130
Decimal	13320066
CIE <sub>Lab</sub>	49.33, 60.48, -6.41
CIE <sub>LCh</sub>	49, 60.816, 353.950
Yxy	17.8632, 0.4271, 0.2507
Android (android.graphics.Color)	4291510146 (0xFFCB3F82)
YUV	112.4980, 8.6285, 79.3703
Hunter-Lab	42.2649, 54.5760, -2.6274

# Details

The Hex color **CB3F82** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **3FCB88**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF78B7**, and **900051** is the 20% darker color. If you saturate the color by 10%, you get **CB2B77**, and if you desaturate by 10%, it is **CB538D**.

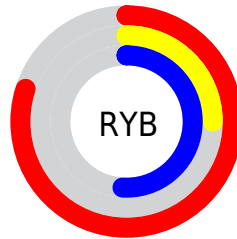
# Distribution



Red (80%)

Green (25%)

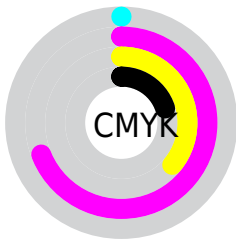
Blue (51%)



Red (80%)

Yellow (25%)

Blue (51%)

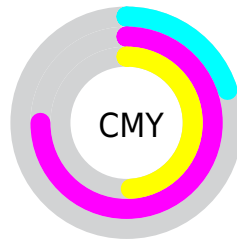


Cyan (0%)

Magenta (69%)

Yellow (36%)

Black (20%)



Cyan (20%)

Magenta (75%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB3F82 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 CB3F82 by changing the saturation by 10% instead.



 CB3F82

 CB3F82

FFFFFF

 AD1E69

 FF78B7

 900051

 FF94D2

 74003A

 FFB1EF

 570024

 FFCEFF

 3E000F

 FFE8FF

 1C0001

 000000

 CB3F82

 CB3F82

 CB2B77

 CB538D

 CB166D

 CB6897

 CB0262

 CB7CA2

 CB0061

 CB90AC

 CBA5B7

 CBB9C2

 CBCDCC

 CBE1D7

 CBF6E1

# Harmonies

## Analogous

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



A953B3



CB3F82



CF434F

# Triad

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



CB3F82



657F00



0089C8

# Complementary

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



CB3F82



3FCB88

# 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.



008D9E



CB3F82



0D8834

# Square

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



CB3F82



966F00



008C69



007FDC

# Rectangle

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



CB3F82



C4512F



008C69



008BBC



# Sweetspot

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



CB3F82



FFC9E3



873FCB



80606F



000000



808080



# Same Dimension

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



CB3F82



FF2B91



CB413F



665C61



A6004F



260012



# Inverse Universe

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



CB3F82



FF2B91



3FC9CB



665C61



A6004F

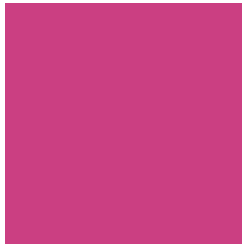


260012



# Previews

## White Background



This preview shows how the Hex color CB3F82 looks on a white background.

## Color Contrast Check

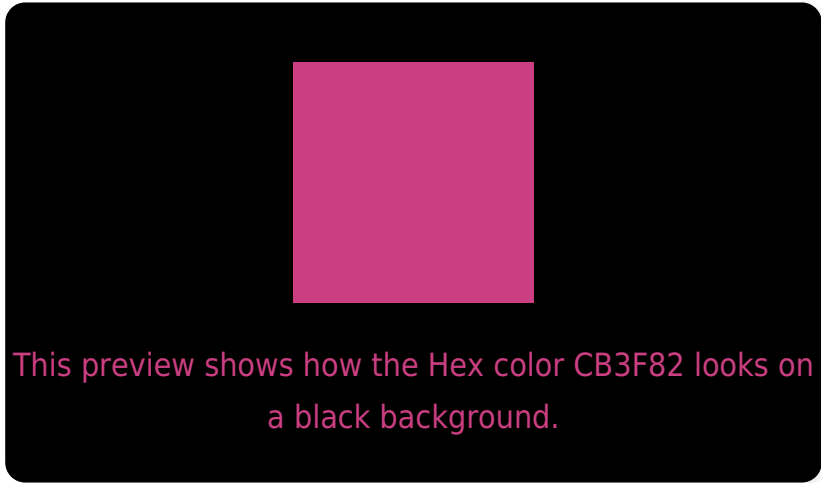
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB3F82 Background



This preview shows how black text looks on a background with the Hex color CB3F82.

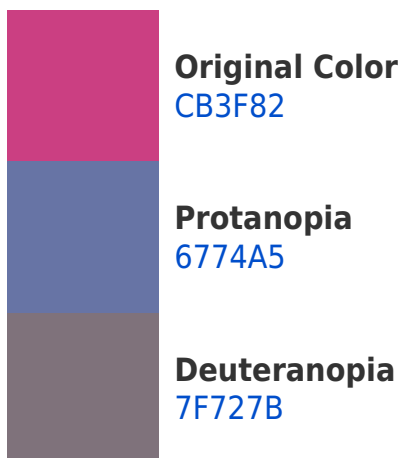



This preview shows how white text looks on a background with the Hex color CB3F82.

# 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](#).

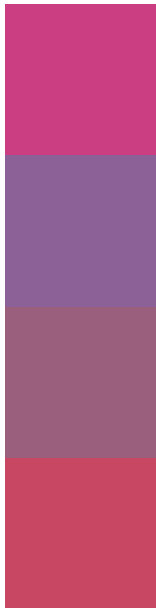
## Dichromacy





**Tritanopia**  
C74B50

# Trichromacy



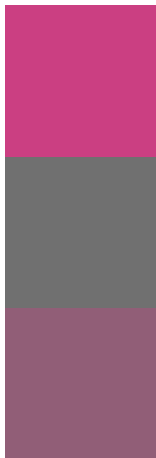
**Original Color**  
CB3F82

**Protanomaly**  
8B6198

**Deuteranomaly**  
9B5F7E

**Tritanomaly**  
C84762

# Monochromacy



**Original Color**  
CB3F82

**Achromatopsia**  
707070

**Achromatomaly**  
915E77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB3F82 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 #CB3F82 looks like.

```
.text, #text, p{  
    color:#CB3F82  
}
```

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 #CB3F82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB3F82
}
```

## Border

The CSS property to change the border of an element to Hex CB3F82 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
#CB3F82 }
```

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

```
.border{ border-color:#CB3F82 }
```

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

Here you see how a box with a 4 pixel #CB3F82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB3F82; -webkit-box-shadow:4px 4px  
4px 4px #CB3F82; box-shadow:4px 4px 4px  
4px #CB3F82 }
```

# Background

The CSS property to change the background color of an element to Hex CB3F82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB3F82 }
```

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

```
.background{ background-color:#CB3F82 }
```

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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