

# Converting Colors

Hex(CA1BB6)

Have a look what the booklet for  
Hex(CA1BB6) contains.

<b>Hex(CA1BB6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(CA1BB6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA1BB6
RGB	202, 27, 182
RGB Percent	79%, 11%, 71%
CMY	0.2078, 0.8941, 0.2863
CMYK	0.00, 0.87, 0.10, 0.21
HSL	307°, 76%, 45%
HSV	307°, 87%, 79%
XYZ	33.1926, 16.7178, 45.7334
YIQ	96.9950, 54.5450, 85.3050

# Conversions

## Conversions Part 2

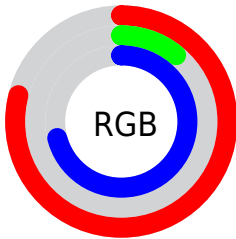
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 27, 182
Decimal	13245366
CIE <sub>Lab</sub>	47.90, 76.66, -39.60
CIE <sub>LCh</sub>	48, 86.287, 332.679
Yxy	16.7178, 0.3470, 0.1748
Android (android.graphics.Color)	4291435446 (0xFFCA1BB6)
YUV	96.9950, 41.9075, 92.0894
Hunter-Lab	40.8874, 73.3539, -37.6958

# Details

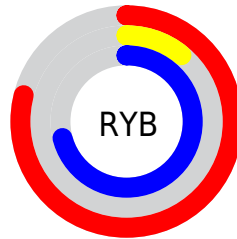
The Hex color **CA1BB6** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed rose. A complement of this color would be **1BCA2F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF63EE**, and **8F0080** is the 20% darker color. If you saturate the color by 10%, you get **CA07B4**, and if you desaturate by 10%, it is **CA2FB8**.

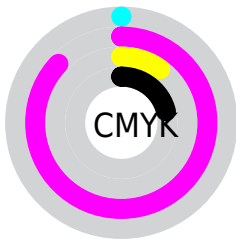
# Distribution



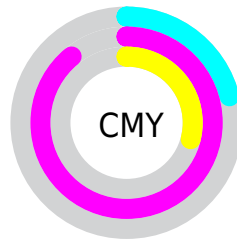
- Red (79%)
- Green (11%)
- Blue (71%)



- Red (79%)
- Yellow (11%)
- Blue (71%)



- Cyan (0%)
- Magenta (87%)
- Yellow (10%)
- Black (21%)



- Cyan (21%)
- Magenta (89%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA1BB6 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 CA1BB6 by changing the saturation by 10% instead.



CA1BB6

CA1BB6

FFFFFF

AC009B

FF63EE

8F0080

FF81FF

730067

FF9EFF

56004E

FFBCFF

3C0037

FFDAFF

1E0020

FFF8FF

000004

000000

CA1BB6

CA1BB6

■ CA07B4

■ CA2FB8

■ CA00B3

■ CA43BB

■ CA58BD

■ CA6CBF

■ CA80C2

■ CA94C4

■ CAA8C6

■ CABDC8

■ CAD1CB

# Harmonies

## Analogous

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



6C5AEE



CA1BB6



EB006F

# Triad

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



CA1BB6



857100



008FBF

# Complementary

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



CA1BB6



1BCA2F

# 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.



008E77



CA1BB6



348300

# Square

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



CA1BB6



BD5200



008B26



008AF5

# Rectangle

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



CA1BB6



E9003F



008B26



008FA8



# Sweetspot

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



CA1BB6



FFBDF7



2C1BCA



80587B



000000



808080



# Same Dimension

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



CA1BB6



FF00E2



CA1B61



665C65



A60093



260022



# Inverse Universe

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



CA1BB6



FF00E2



1BCA84



665C65



A60093



260022



# Previews

## White Background



This preview shows how the Hex color CA1BB6 looks on a white background.

## Color Contrast Check

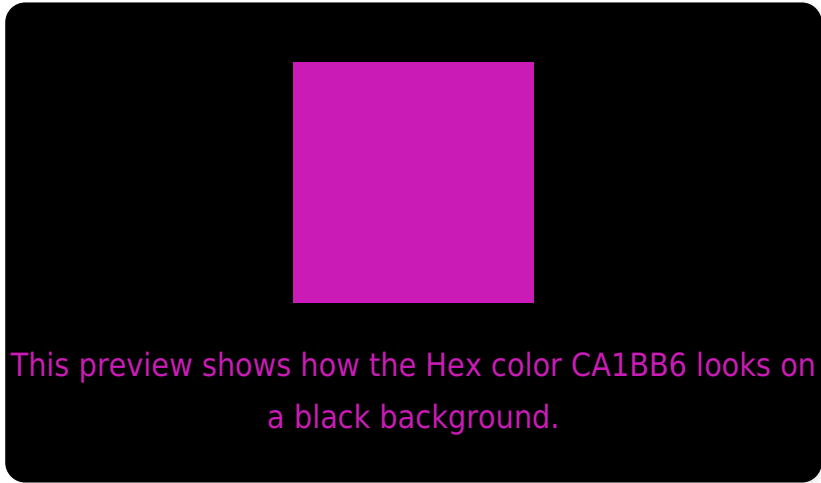
Large Text (above 18pt) WCAG AA ✓ Pass

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

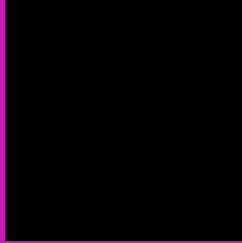
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex CA1BB6 Background



This preview shows how black text looks on a background with the Hex color CA1BB6.

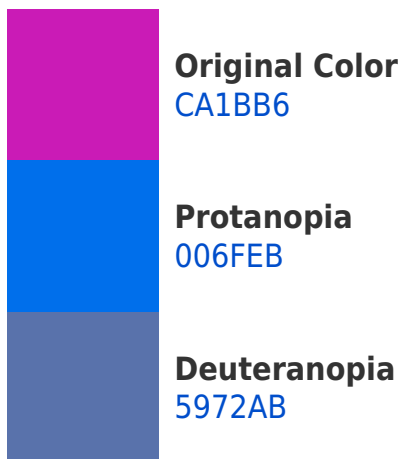



This preview shows how white text looks on a background with the Hex color CA1BB6.

# 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](#).

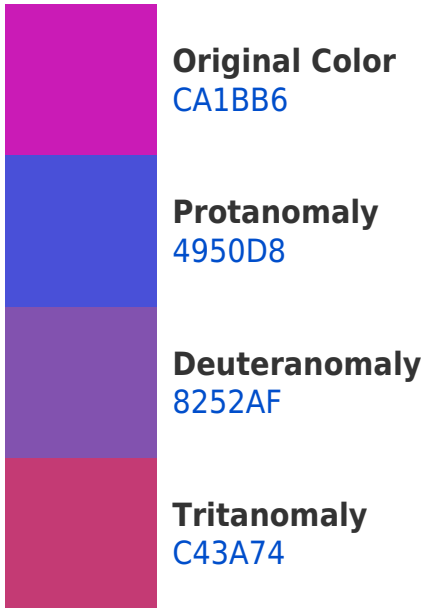
## Dichromacy



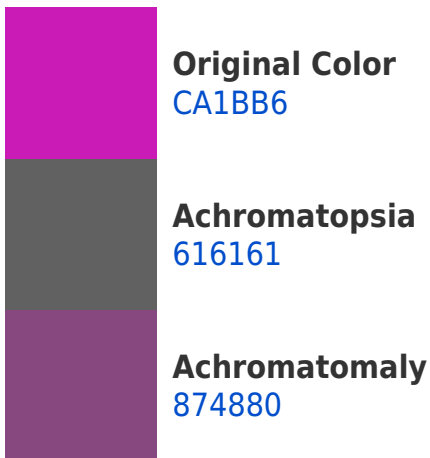


**Tritanopia**  
C04B4F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA1BB6 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 #CA1BB6 looks like.

```
.text, #text, p{  
    color:#CA1BB6  
}
```

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 #CA1BB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA1BB6
}
```

## Border

The CSS property to change the border of an element to Hex CA1BB6 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".

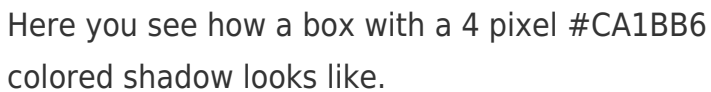
```
.border, #border, table{ border:4px solid
#CA1BB6 }
```

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

```
.border{ border-color:#CA1BB6 }
```

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

Here you see how a box with a 4 pixel #CA1BB6 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA1BB6; -webkit-box-shadow:4px 4px  
4px 4px #CA1BB6; box-shadow:4px 4px 4px  
4px #CA1BB6 }
```

# Background

The CSS property to change the background color of an element to Hex CA1BB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA1BB6 }
```

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

```
.background{ background-color:#CA1BB6 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

**@ConvertingColor**