

# Converting Colors

Hex(C964BD)

Have a look what the booklet for  
Hex(C964BD) contains.

<b>Hex(C964BD)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(C964BD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C964BD
RGB	201, 100, 189
RGB Percent	79%, 39%, 74%
CMY	0.2118, 0.6078, 0.2588
CMYK	0.00, 0.50, 0.06, 0.21
HSL	307°, 48%, 59%
HSV	307°, 50%, 79%
XYZ	37.8299, 25.2060, 51.0155
YIQ	140.3450, 31.6270, 49.0910

# Conversions

## Conversions Part 2

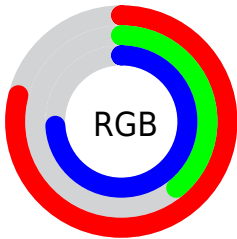
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 100, 189
Decimal	13198525
CIE <sub>Lab</sub>	57.28, 51.95, -29.00
CIE <sub>LCh</sub>	57, 59.496, 330.827
Yxy	25.2060, 0.3317, 0.2210
Android (android.graphics.Color)	4291388605 (0xFFC964BD)
YUV	140.3450, 23.9869, 53.1944
Hunter-Lab	50.2056, 46.6400, -25.1026

# Details

The Hex color **C964BD** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **64C970**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF9AF6**, and **912E87** is the 20% darker color. If you saturate the color by 10%, you get **C950BB**, and if you desaturate by 10%, it is **C978BF**.

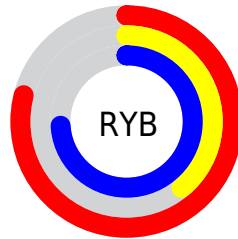
# Distribution



Red (79%)

Green (39%)

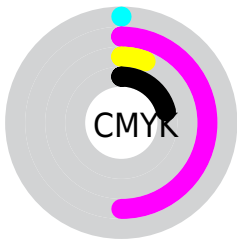
Blue (74%)



Red (79%)

Yellow (39%)

Blue (74%)

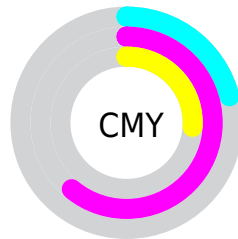


Cyan (0%)

Magenta (50%)

Yellow (6%)

Black (21%)



Cyan (21%)

Magenta (61%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C964BD 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 C964BD by changing the saturation by 10% instead.



 C964BD

 C964BD

FFFFFF

 AD49A2

 FF9AF6

 912E87

 FFB6FF

 750C6E

 FFD3FF

 5B0055

 FFF0FF

 41003D

 290027

 000110

 000000

 C964BD

 C964BD

 C950BB

 C978BF

 C93CB8

 C98CC2

 C928B6

 C9A0C4

 C914B3

 C9B4C7

 C900B1

 C9C9C9

 C9DDCB

 C9F1CE

 C9FFD0

 C9FFD2

# Harmonies

## Analogous

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



8B7BE3



C964BD



E5578A

# Triad

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



C964BD



A2880F



00A1BD

# Complementary

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



C964BD



64C970

# 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.



00A289



C964BD



6E9626

# Square

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



C964BD



CB732C



099E54



009CE4

# Rectangle

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



C964BD



E75A68



099E54



00A2AD



# Sweetspot

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



C964BD



FFD9FA



7064C9



80697D



000000



808080



# Same Dimension

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



C964BD



FF66ED



C9648B



635A62



A30090



24001F



# Inverse Universe

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



C964BD



FF66ED



64C9A2



635A62



A30090

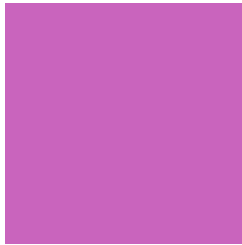


24001F



# Previews

## White Background



This preview shows how the Hex color C964BD looks on a white background.

## Color Contrast Check

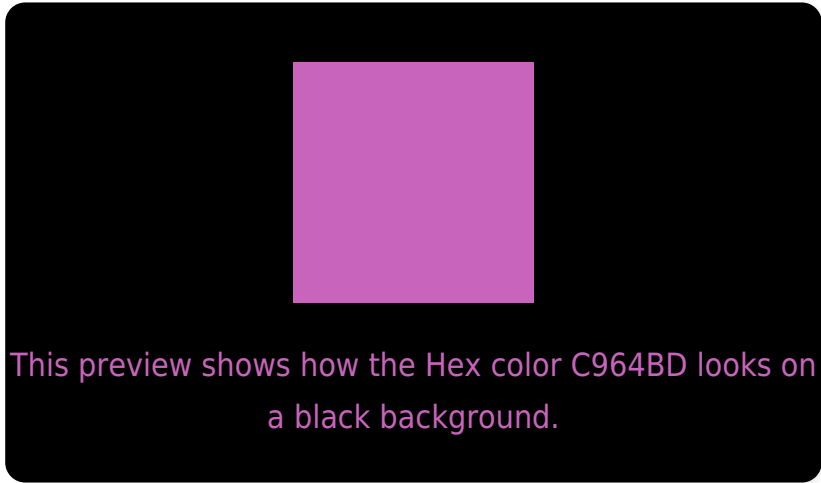
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

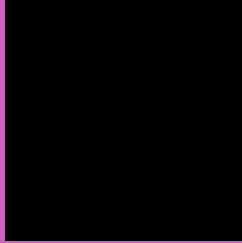
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C964BD Background



This preview shows how black text looks on a background with the Hex color C964BD.

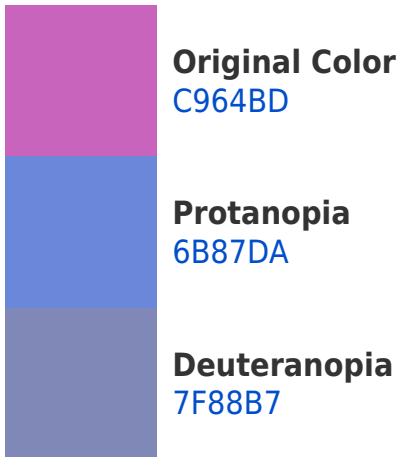


This preview shows how white text looks on a background with the Hex color C964BD.

# 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](#).

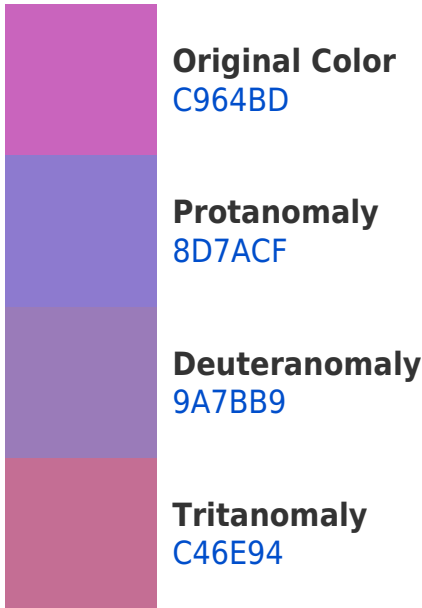
## Dichromacy



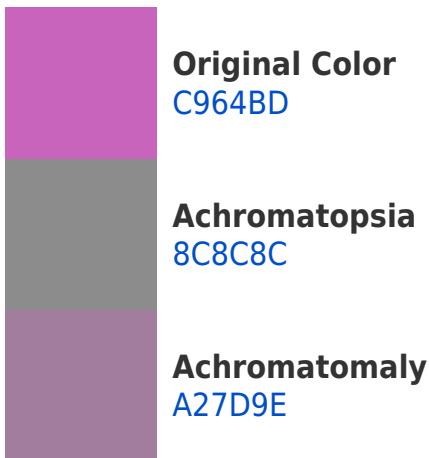


**Tritanopia**  
C1737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C964BD 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 #C964BD looks like.

```
.text, #text, p{  
    color:#C964BD  
}
```

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 #C964BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C964BD
}
```

## Border

The CSS property to change the border of an element to Hex C964BD 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
#C964BD }
```

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

```
.border{ border-color:#C964BD }
```

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

Here you see how a box with a 4 pixel #C964BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C964BD; -webkit-box-shadow:4px 4px  
4px 4px #C964BD; box-shadow:4px 4px 4px  
4px #C964BD }
```

# Background

The CSS property to change the background color of an element to Hex C964BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C964BD }
```

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

```
.background{ background-color:#C964BD }
```

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