

# Converting Colors

Hex(CD72B5)

Have a look what the booklet for  
Hex(CD72B5) contains.

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# **Color**

**Hex(CD72B5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CD72B5
RGB	205, 114, 181
RGB Percent	80%, 45%, 71%
CMY	0.1961, 0.5529, 0.2902
CMYK	0.00, 0.44, 0.12, 0.20
HSL	316°, 48%, 63%
HSV	316°, 44%, 80%
XYZ	39.5346, 28.3500, 47.1044
YIQ	148.8470, 32.7290, 40.1290

# Conversions

## Conversions Part 2

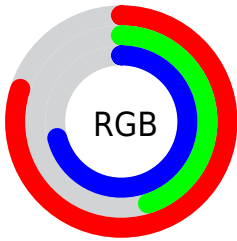
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">205, 114, 181</a>
Decimal	<a href="#">13464245</a>
CIELab	<a href="#">60.20, 44.77, -19.88</a>
CIELCh	<a href="#">60, 48.986, 336.061</a>
Yxy	<a href="#">28.3500, 0.3438, 0.2465</a>
Android (android.graphics.Color)	<a href="#">4291654325 (0xFFCD72B5)</a>
YUV	<a href="#">148.8470, 15.8514, 49.2462</a>
Hunter-Lab	<a href="#">53.2447, 39.3596, -15.1813</a>

# Details

The Hex color **CD72B5** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **72CD8A**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFA8ED**, and **953E80** is the 20% darker color. If you saturate the color by 10%, you get **CD5EB0**, and if you desaturate by 10%, it is **CD86BA**.

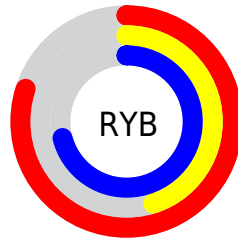
# Distribution



Red (80%)

Green (45%)

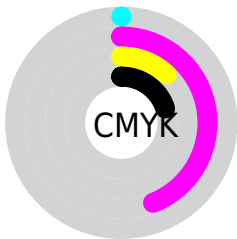
Blue (71%)



Red (80%)

Yellow (45%)

Blue (71%)

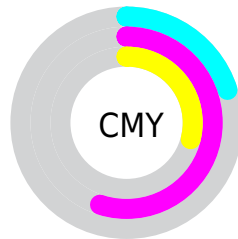


Cyan (0%)

Magenta (44%)

Yellow (12%)

Black (20%)



Cyan (20%)

Magenta (55%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD72B5 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 CD72B5 by changing the saturation by 10% instead.



 CD72B5

 CD72B5

FFFFFF

 B1589A

 FFA8ED

 953E80

 FFC4FF

 7A2367

 FFE0FF

 5F024F

FFFEFF

 450038

 300022

 030007

 000000

 CD72B5

 CD72B5

CD5EB0

CD86BA

CD49AA

CD9BC0

CD35A5

CDB0C5

CD209F

CDC4CB

CD0C9A

CDD9D0

CD0097

CDEDD5

CDFFDB

CDFFE0

CDFFE6

# Harmonies

## Analogous

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



9F82D7



CD72B5



E16B8A

# Triad

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



CD72B5



A19237



00A5C3

# Complementary

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



CD72B5



72CD8A

# 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.



00A799



CD72B5



749D48

# Square

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



CD72B5



C68241



33A46C



009FDF

# Rectangle

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



CD72B5



E06F6E



33A46C



00A6B6



# Sweetspot

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



CD72B5



FFDEF6



8972CD



806B7A



000000



808080



# Same Dimension

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



CD72B5



FF78DB



CD7289



665C63



A6007A



26001C



# Inverse Universe

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



CD72B5



FF78DB



72CDB6



665C63



A6007A

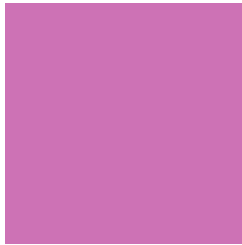


26001C



# Previews

## White Background



This preview shows how the Hex color CD72B5 looks on a white background.

## Color Contrast Check

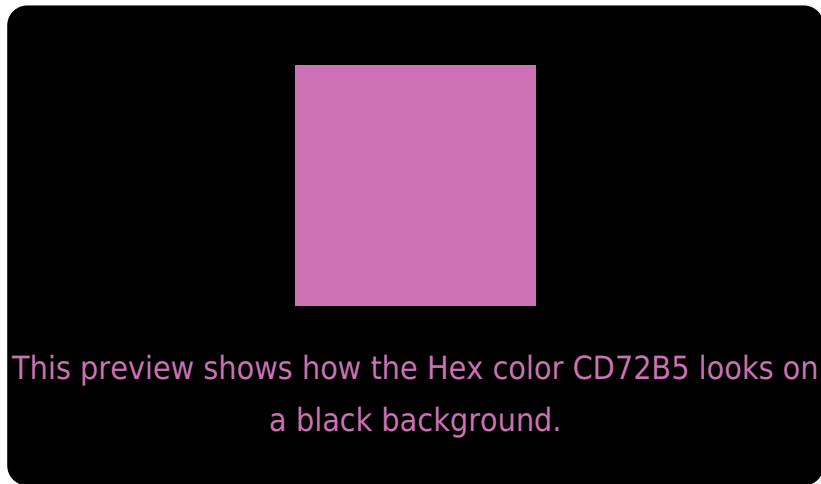
Large Text (above 18pt) WCAG AA ✓ Pass

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

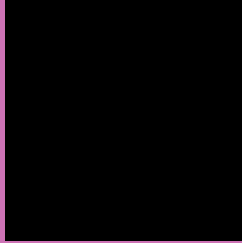
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CD72B5 Background



This preview shows how black text looks on a background with the Hex color CD72B5.

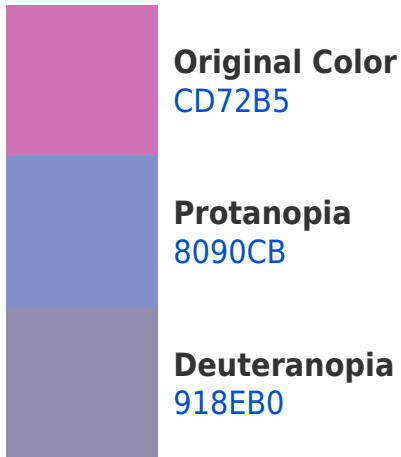


This preview shows how white text looks on a background with the Hex color CD72B5.

# 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](#).

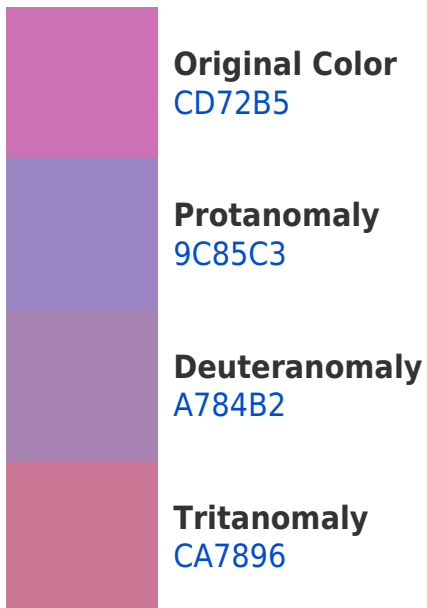
## Dichromacy





**Tritanopia**  
C87C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD72B5 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 #CD72B5 looks like.

```
.text, #text, p{  
    color:#CD72B5  
}
```

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 #CD72B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD72B5
}
```

## Border

The CSS property to change the border of an element to Hex CD72B5 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
#CD72B5 }
```

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

```
.border{ border-color:#CD72B5 }
```

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

Here you see how a box with a 4 pixel #CD72B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD72B5; -webkit-box-shadow:4px 4px  
4px 4px #CD72B5; box-shadow:4px 4px 4px  
4px #CD72B5 }
```

# Background

The CSS property to change the background color of an element to Hex CD72B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD72B5 }
```

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

```
.background{ background-color:#CD72B5 }
```

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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