

# Converting Colors

Hex(C72081)

Have a look what the booklet for  
Hex(C72081) contains.

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**Color**

**Hex(C72081)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C72081
RGB	199, 32, 129
RGB Percent	78%, 13%, 51%
CMY	0.2196, 0.8745, 0.4941
CMYK	0.00, 0.84, 0.35, 0.22
HSL	325°, 72%, 45%
HSV	325°, 84%, 78%
XYZ	28.0321, 14.7601, 22.1404
YIQ	92.9910, 68.3950, 65.5710

# Conversions

## Conversions Part 2

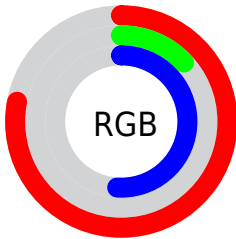
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 32, 129
Decimal	13049985
CIE <sub>Lab</sub>	45.30, 68.58, -11.91
CIE <sub>LCh</sub>	45, 69.606, 350.146
Yxy	14.7601, 0.4317, 0.2273
Android (android.graphics.Color)	4291240065 (0xFFC72081)
YUV	92.9910, 17.7524, 92.9699
Hunter-Lab	38.4189, 63.0085, -7.2750

# Details

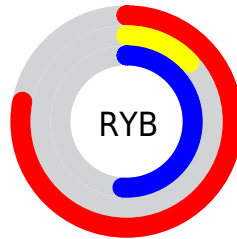
The Hex color **C72081** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **20C766**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF63B6**, and **8C0050** is the 20% darker color. If you saturate the color by 10%, you get **C70C79**, and if you desaturate by 10%, it is **C73489**.

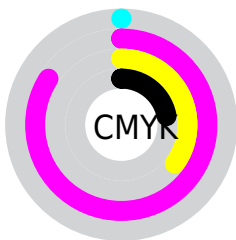
# Distribution



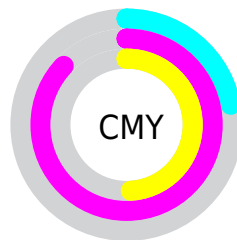
- Red (78%)
- Green (13%)
- Blue (51%)



- Red (78%)
- Yellow (13%)
- Blue (51%)



- Cyan (0%)
- Magenta (84%)
- Yellow (35%)
- Black (22%)



- Cyan (22%)
- Magenta (87%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C72081 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 C72081 by changing the saturation by 10% instead.



 C72081

 C72081

FFFFFF

 A90068

 FF63B6

 8C0050

 FF80D1

 6F0039

 FF9DEE

 520023

 FFBAFF

 37000B

 FFD7FF

 0D0000

 FFF5FF

 000000

 C72081

 C72081

 C70C79

 C73489

 C70074

 C74892

 C75C9A

 C770A2

 C784AB

 C797B3

 C7ABBB

 C7BFC4

 C7D3CC

# Harmonies

## Analogous

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



9C45B7



C72081



CE2247

# Triad

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



C72081



5D7400



0082C4

# Complementary

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



C72081



20C766

# 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.



008492



C72081



007E13

# Square

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



C72081



926200



008355



0078DF

# Rectangle

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



C72081



C33A22



008355



0083B6



# Sweetspot

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



C72081



FFBFE4



6620C7



80596F



000000



808080



# Same Dimension

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



C72081



FF0094



C7202E



635A5F



A3005F



240015



# Inverse Universe

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



C72081



FF0094



20C7B9



635A5F



A3005F



240015



# Previews

## White Background



This preview shows how the Hex color C72081 looks on a white background.

## Color Contrast Check

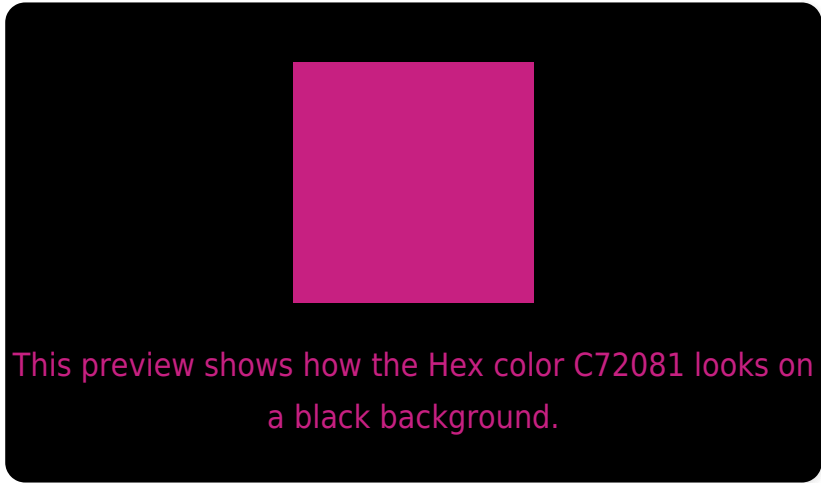
Large Text (above 18pt) WCAG AA ✓ Pass

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 C72081 Background



This preview shows how black text looks on a background with the Hex color C72081.

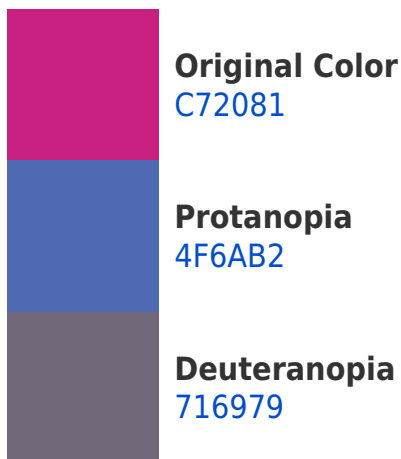


This preview shows how white text looks on a background with the Hex color C72081.

# 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**  
C72081



**Protanomaly**  
7B4FA0



**Deuteranomaly**  
904E7C

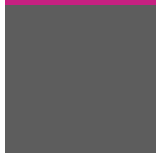


**Tritanomaly**  
C43155

# Monochromacy



**Original Color**  
C72081



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
84476A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C72081 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 #C72081 looks like.

```
.text, #text, p{  
    color:#C72081  
}
```

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 #C72081 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C72081
}
```

## Border

The CSS property to change the border of an element to Hex C72081 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
#C72081 }
```

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

```
.border{ border-color:#C72081 }
```

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

Here you see how a box with a 4 pixel #C72081 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C72081; -webkit-box-shadow:4px 4px  
4px 4px #C72081; box-shadow:4px 4px 4px  
4px #C72081 }
```

# Background

The CSS property to change the background color of an element to Hex C72081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C72081 }
```

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

```
.background{ background-color:#C72081 }
```

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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