

# Converting Colors

Hex(C24D7A)

Have a look what the booklet for  
Hex(C24D7A) contains.

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# Color

**Hex(C24D7A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C24D7A
RGB	194, 77, 122
RGB Percent	76%, 30%, 48%
CMY	0.2392, 0.6980, 0.5216
CMYK	0.00, 0.60, 0.37, 0.24
HSL	337°, 49%, 53%
HSV	337°, 60%, 76%
XYZ	28.4149, 18.1822, 20.4242
YIQ	117.1130, 55.2870, 38.7990

# Conversions

## Conversions Part 2

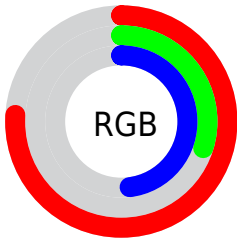
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 77, 122
Decimal	12733818
CIELab	49.72, 51.07, -1.18
CIELCh	50, 51.081, 358.672
Yxy	18.1822, 0.4240, 0.2713
Android (android.graphics.Color)	4290923898 (0xFFC24D7A)
YUV	117.1130, 2.4093, 67.4299
Hunter-Lab	42.6406, 44.3278, 1.4494

# Details

The Hex color **C24D7A** is a dark color, and the websafe version is hex **CC6699**. The color can be described as dark muted rose. A complement of this color would be **4DC295**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FE83AE**, and **88104A** is the 20% darker color. If you saturate the color by 10%, you get **C23A6E**, and if you desaturate by 10%, it is **C26086**.

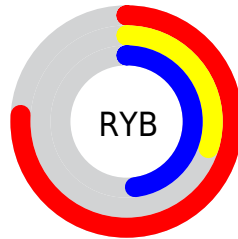
# Distribution



Red (76%)

Green (30%)

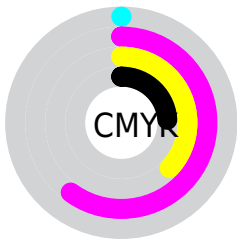
Blue (48%)



Red (76%)

Yellow (30%)

Blue (48%)

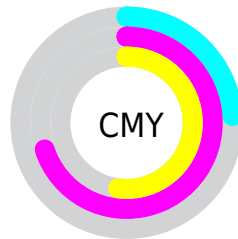


Cyan (0%)

Magenta (60%)

Yellow (37%)

Black (24%)



Cyan (24%)

Magenta (70%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C24D7A 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 C24D7A by changing the saturation by 10% instead.



 C24D7A

 C24D7A

FFFFFF

 A53161

 FE83AE

 88104A

 FF9FCA

 6C0033

 FFBBE6

 51001E

 FFD7FF

 390004

 FFF5FF

 100000

 000000

 C24D7A

 C24D7A

 C23A6E

 C26086

 C22662

 C27492

 C21356

 C2879E

 C2004B

 C29BAA

 C2AEB6

 C2C1C2

 C2D5CE

 C2E8DA

 C2FCE5

# Harmonies

## Analogous

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



A959A4



C24D7A



C3524F

# Triad

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



C24D7A



638023



0086C0

# Complementary

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



C24D7A



4DC295

# 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.



008A9F



C24D7A



218747

# Square

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



C24D7A



8E7315



008B73



007CCD

# Rectangle

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



C24D7A



B85D36



008B73



0088B7



# Sweetspot

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



C24D7A



FCCFE0



934DC2



80636E



000000



808080



# Same Dimension

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



C24D7A



FC478D



C2594D



61575B



A1003E



21000D



# Inverse Universe

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



C24D7A



FC478D



4DB6C2



61575B



A1003E



21000D



# Previews

## White Background



This preview shows how the Hex color C24D7A looks on a white background.

## Color Contrast Check

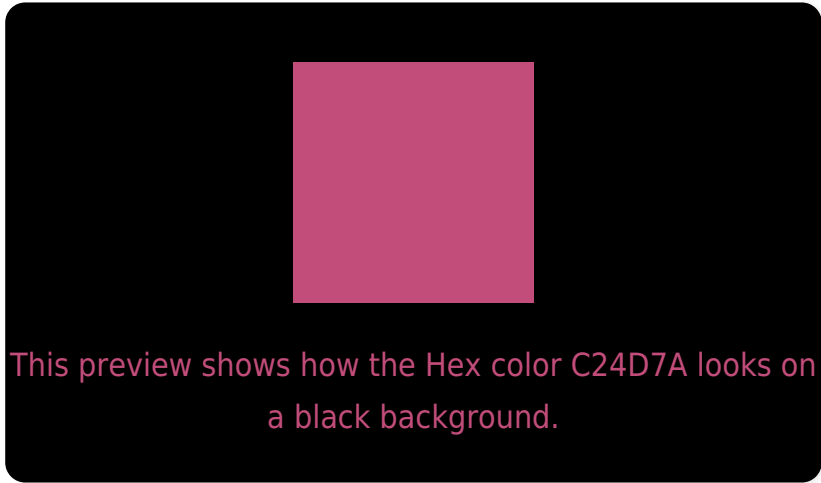
Large Text (above 18pt) WCAG AA ✓ Pass

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 C24D7A Background



This preview shows how black text looks on a background with the Hex color C24D7A.




This preview shows how white text looks on a background with the Hex color C24D7A.

# 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**  
C05459

# Trichromacy



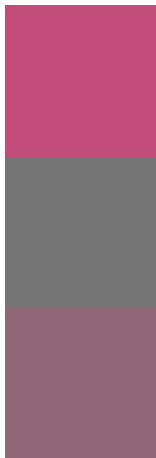
**Original Color**  
C24D7A

**Protanomaly**  
8E678A

**Deuteranomaly**  
9A6576

**Tritanomaly**  
C15165

# Monochromacy



**Original Color**  
C24D7A

**Achromatopsia**  
757575

**Achromatomaly**  
916677

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C24D7A 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 #C24D7A looks like.

```
.text, #text, p{  
    color:#C24D7A  
}
```

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 #C24D7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C24D7A
}
```

## Border

The CSS property to change the border of an element to Hex C24D7A 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
#C24D7A }
```

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

```
.border{ border-color:#C24D7A }
```

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

Here you see how a box with a 4 pixel #C24D7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C24D7A; -webkit-box-shadow:4px 4px  
4px 4px #C24D7A; box-shadow:4px 4px 4px  
4px #C24D7A }
```

# Background

The CSS property to change the background color of an element to Hex C24D7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C24D7A }
```

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

```
.background{ background-color:#C24D7A }
```

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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