

Converting Colors

Hex(C644D1)

Have a look what the booklet for
Hex(C644D1) contains.

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Color

Hex(C644D1)

Conversions

Conversions Part 1

Format	Color
Hex	C644D1
RGB	198, 68, 209
RGB Percent	78%, 27%, 82%
CMY	0.2235, 0.7333, 0.1804
CMYK	0.05, 0.67, 0.00, 0.18
HSL	295°, 61%, 54%
HSV	295°, 67%, 82%
XYZ	36.8644, 20.7435, 62.3825
YIQ	122.9440, 32.2190, 71.4110

Conversions

Conversions Part 2

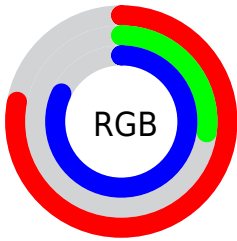
Format	Color
R_{YB}	198, 68, 209
Decimal	12993745
CIE _{Lab}	52.67, 68.66, -47.72
CIE _{LCh}	53, 83.610, 325.199
Yxy	20.7435, 0.3072, 0.1729
Android (android.graphics.Color)	4291183825 (0xFFC644D1)
YUV	122.9440, 42.4256, 65.8241
Hunter-Lab	45.5450, 64.7755, -49.3274

Details

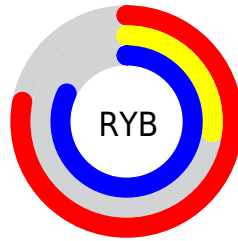
The Hex color **C644D1** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **4FD144**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF7EFF**, and **8C009A** is the 20% darker color. If you saturate the color by 10%, you get **C42FD1**, and if you desaturate by 10%, it is **C859D1**.

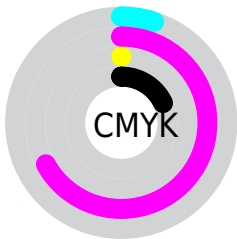
Distribution



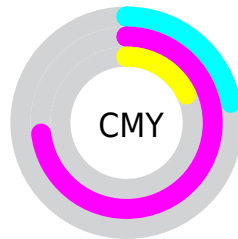
- Red (78%)
- Green (27%)
- Blue (82%)



- Red (78%)
- Yellow (27%)
- Blue (82%)



- Cyan (5%)
- Magenta (67%)
- Yellow (0%)
- Black (18%)



- Cyan (22%)
- Magenta (73%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color C644D1 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 C644D1 by changing the saturation by 10% instead.

 C644D1

 C644D1

FFFFFF

 A923B5

 FF7EFF

 8C009A

 FF9AFF

 70007F

 FFB7FF

 540066

 FFD4FF

 3A004D

 FFF2FF

 1E0035

 00021F

 000001

 000000

 C644D1

 C644D1

 C42FD1

 C859D1

 C31AD1

 C96ED1

 C105D1

 CB83D1

 C100D1

 CD98D1

 CEACD1

 D0C1D1

 D1D6D1

 D3EBD1

 D5FFD1

Harmonies

Analogous

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



5270FF



C644D1



F2008D

Triad

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



C644D1



A37700



009CB9

Complementary

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



C644D1



4FD144

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.



009B70



C644D1



5E8B00

Square

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



C644D1



D65500



00961F



0098F4

Rectangle

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



C644D1



F8025D



00961F



009CA2

Sweetspot

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



C644D1



FBCCFE



4450D1



7D6180



000000



808080

Same Dimension

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



C644D1



EF30FF



D14496



685E69



9B00A8



260029

Inverse Universe

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



D1444F



FF3041



44D17F



695E5F



A8000D



290003

Previews

White Background



This preview shows how the Hex color C644D1 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

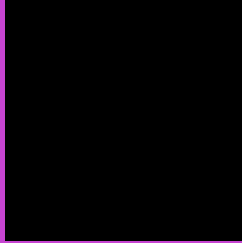
Any Text WCAG AA ✓ Pass

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 C644D1 Background



This preview shows how black text looks on a background with the Hex color C644D1.

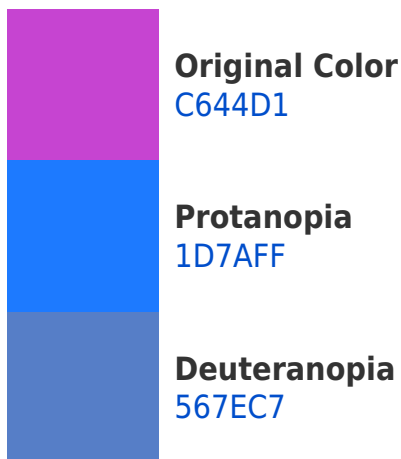



This preview shows how white text looks on a background with the Hex color C644D1.

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
BA646C

Trichromacy



Original Color
C644D1



Protanomaly
5A66EE



Deuteranomaly
7F69CB



Tritanomaly
BE5891

Monochromacy



Original Color
C644D1



Achromatopsia
7B7B7B



Achromatomaly
96679A

CSS Examples

Text

The CSS property to change the color of the text to Hex C644D1 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 #C644D1 looks like.

```
.text, #text, p{  
    color:#C644D1  
}
```

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 #C644D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C644D1
}
```

Border

The CSS property to change the border of an element to Hex C644D1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

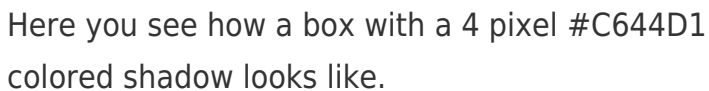
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C644D1 }
```

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

```
.border{ border-color:#C644D1 }
```

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



Here you see how a box with a 4 pixel `#C644D1` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C644D1; -webkit-box-shadow:4px 4px  
4px 4px #C644D1; box-shadow:4px 4px 4px  
4px #C644D1 }
```

Background

The CSS property to change the background color of an element to Hex C644D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C644D1 }
```

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

```
.background{ background-color:#C644D1 }
```

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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