

Converting Colors

Hex(C28EC8)

Have a look what the booklet for
Hex(C28EC8) contains.

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Color

Hex(C28EC8)

Conversions

Conversions Part 1

Format	Color
Hex	C28EC8
RGB	194, 142, 200
RGB Percent	76%, 56%, 78%
CMY	0.2392, 0.4431, 0.2157
CMYK	0.03, 0.29, 0.00, 0.22
HSL	294°, 35%, 67%
HSV	294°, 29%, 78%
XYZ	42.3465, 34.9855, 59.1645
YIQ	164.1600, 12.3740, 29.0620

Conversions

Conversions Part 2

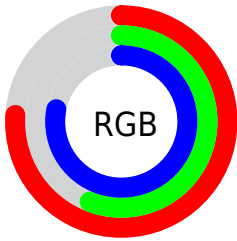
Format	Color
RYB	194, 142, 200
Decimal	12750536
CIELab	65.74, 29.57, -22.28
CIELCh	66, 37.019, 323.003
Yxy	34.9855, 0.3102, 0.2563
Android (android.graphics.Color)	4290940616 (0xFFC28EC8)
YUV	164.1600, 17.6691, 26.1697
Hunter-Lab	59.1485, 24.2844, -17.9021

Details

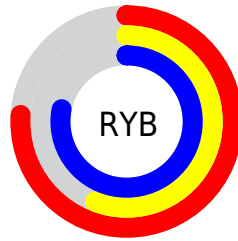
The Hex color **C28EC8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **94C88E**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FBC4FF**, and **8C5B92** is the 20% darker color. If you saturate the color by 10%, you get **C07AC8**, and if you desaturate by 10%, it is **C4A2C8**.

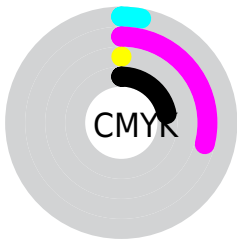
Distribution



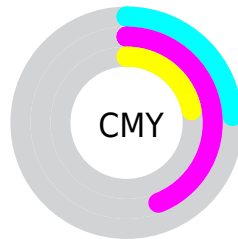
- Red (76%)
- Green (56%)
- Blue (78%)



- Red (76%)
- Yellow (56%)
- Blue (78%)



- Cyan (3%)
- Magenta (29%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color C28EC8 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 C28EC8 by changing the saturation by 10% instead.

 C28EC8

 C28EC8

FFFFFF

 A674AD

 FBC4FF

 8C5B92

 FFE0FF

 714378

 FFFDFD

 582B5F

 401447

 290031

 0C001B

 000000

 C28EC8

 C28EC8

 C07AC8

 C4A2C8

 BE66C8

 C6B6C8

 BC52C8

 C8CAC8

 BA3EC8

 CADEC8

 B82AC8

 CCF2C8

 B616C8

 CEFFC8

 B402C8

 D0FFC8

 B300C8

 D3FFC8

 D5FFC8

Harmonies

Analogous

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



989ADD



C28EC8



DA86A9

Triad

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



C28EC8



BC9B5D



06B1B8

Complementary

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



C28EC8



94C88E

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.



48B196



C28EC8



9BA661

Square

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



C28EC8



D5906C



75AD77



1CADD4

Rectangle

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



C28EC8



E08692



75AD77



22B1AD

Sweetspot

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



C28EC8



FDE8FF



8E95C8



7E7180



000000



808080

Same Dimension

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



C28EC8



F6A6FF



C88EB2



625A63



9200A3



200024

Inverse Universe

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



C88E94



FFA6AF



8EC8A4



635A5B



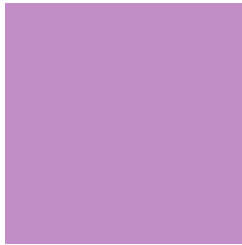
A30011



240004

Previews

White Background



This preview shows how the Hex color C28EC8 looks on a white background.

Color Contrast Check

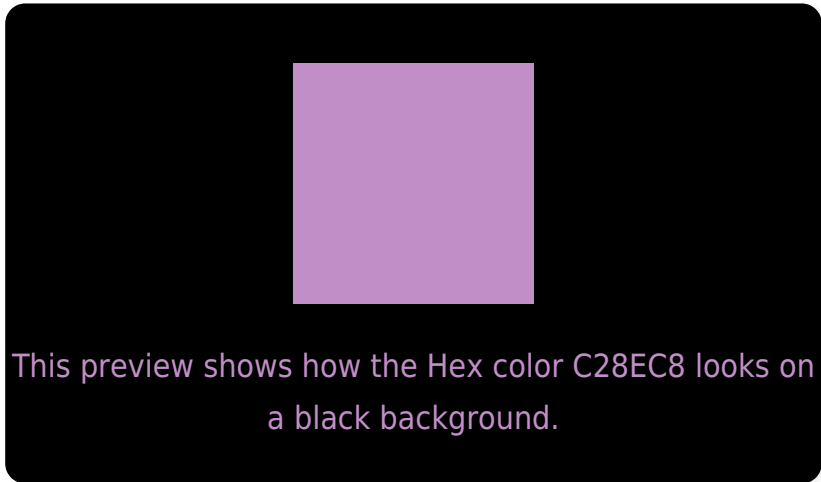
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex C28EC8 Background



This preview shows how black text looks on a background with the Hex color C28EC8.

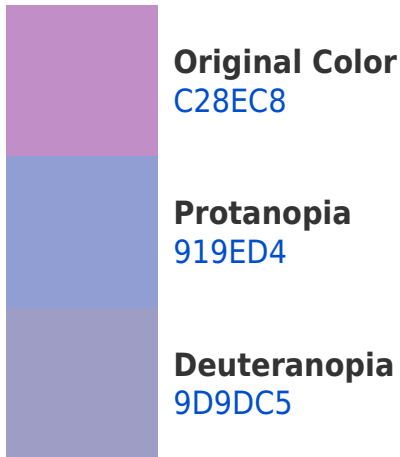


This preview shows how white text looks on a background with the Hex color C28EC8.

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](#).

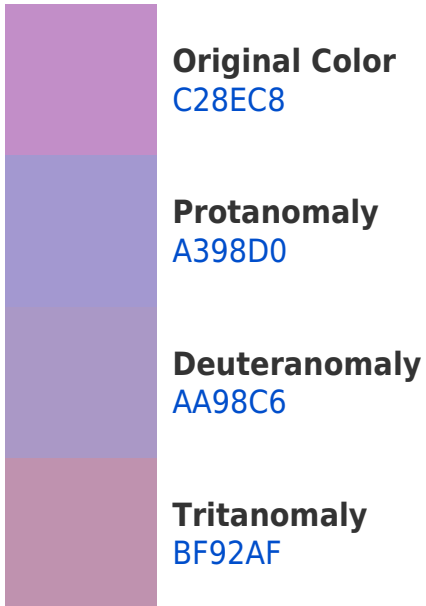
Dichromacy



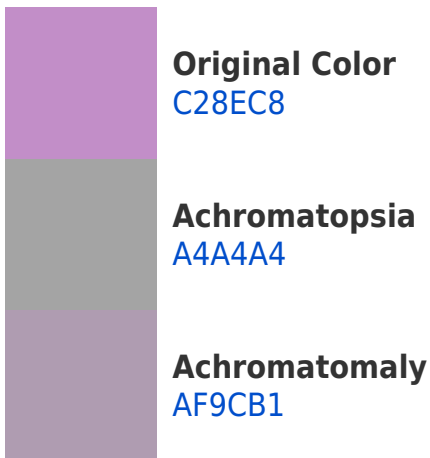


Tritanopia
BD95A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C28EC8 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 #C28EC8 looks like.

```
.text, #text, p{  
    color:#C28EC8  
}
```

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 #C28EC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C28EC8  
}
```

Border

The CSS property to change the border of an element to Hex C28EC8 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  
#C28EC8 }
```

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

```
.border{ border-color:#C28EC8 }
```

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

Here you see how a box with a 4 pixel #C28EC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C28EC8; -webkit-box-shadow:4px 4px  
4px 4px #C28EC8; box-shadow:4px 4px 4px  
4px #C28EC8 }
```

Background

The CSS property to change the background color of an element to Hex C28EC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C28EC8 }
```

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

```
.background{ background-color:#C28EC8 }
```

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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