

# Converting Colors

Hex(C2C2E8)

Have a look what the booklet for  
Hex(C2C2E8) contains.

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# **Color**

**Hex(C2C2E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2C2E8
RGB	194, 194, 232
RGB Percent	76%, 76%, 91%
CMY	0.2392, 0.2392, 0.0902
CMYK	0.16, 0.16, 0.00, 0.09
HSL	240°, 45%, 84%
HSV	240°, 16%, 91%
XYZ	56.1054, 55.8791, 84.1726
YIQ	198.3320, -12.1980, 11.8180

# Conversions

## Conversions Part 2

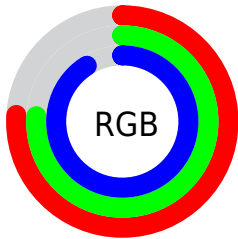
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	194, 194, 232
Decimal	12763880
CIE <sub>Lab</sub>	79.54, 7.60, -18.82
CIE <sub>LCh</sub>	80, 20.298, 291.981
Yxy	55.8791, 0.2860, 0.2849
Android (android.graphics.Color)	4290953960 (0xFFC2C2E8)
YUV	198.3320, 16.5983, -3.7992
Hunter-Lab	74.7523, 3.1567, -14.4351

# Details

The Hex color **C2C2E8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E8E8C2**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FBFAFF**, and **8C8CB0** is the 20% darker color. If you saturate the color by 10%, you get **ABABE8**, and if you desaturate by 10%, it is **D9D9E8**.

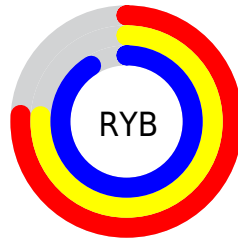
# Distribution



Red (76%)

Green (76%)

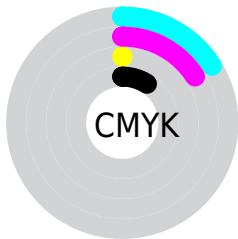
Blue (91%)



Red (76%)

Yellow (76%)

Blue (91%)

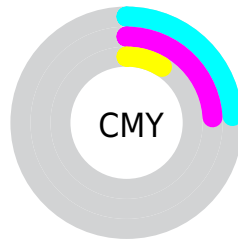


Cyan (16%)

Magenta (16%)

Yellow (0%)

Black (9%)



Cyan (24%)

Magenta (24%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2C2E8 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 C2C2E8 by changing the saturation by 10% instead.



 C2C2E8

 C2C2E8

FFFFFF

 A7A7CC

 FBF AFF


 8C8CB0

 727396

 595A7C

 414363

 2A2D4B

 141834

 00001F

 000002

 C2C2E8

 C2C2E8

 ABABE8

 D9D9E8

 9494E8

 F0F0E8

 7C7CE8

 FFFFE8

 6565E8

 4E4EE8

 3737E8

 2020E8

 0808E8

 0000E8

# Harmonies

## Analogous

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



A9C8EA



C2C2E8



D9BCDD

# Triad

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



C2C2E8



E7BCA8



9CD0BF

# Complementary

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



C2C2E8



E8E8C2

# 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.



AFCDAD



C2C2E8



D9C2A0

# Square

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



C2C2E8



EDB8B8



C5C8A2



92D0D3

# Rectangle

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



C2C2E8



E4B9D1



C5C8A2



A2CFB9



# Sweetspot

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



C2C2E8



F2F2FF



C2E8E8



787880



000000



808080



# Same Dimension

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



C2C2E8



CCCCFF



D5C2E8



676773



0000B3



000033



# Inverse Universe

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



E8C2E8



FFCCFF



D5E8C2



736773



B300B3

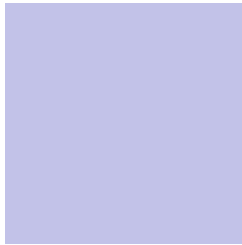


330033



# Previews

## White Background



This preview shows how the Hex color C2C2E8 looks on a white background.

## Color Contrast Check

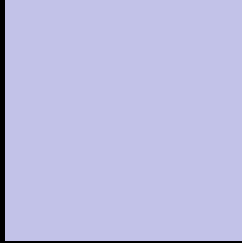
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color C2C2E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

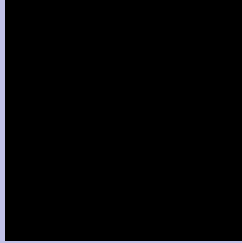
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C2C2E8 Background



This preview shows how black text looks on a background with the Hex color C2C2E8.



This preview shows how white text looks on a background with the Hex color C2C2E8.

# 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



**Original Color**  
C2C2E8

**Protanopia**  
BDC3E9

**Deuteranopia**  
C7C0E8



**Tritanopia**  
BFC5D5

# Trichromacy



**Original Color**  
C2C2E8

**Protanomaly**  
BFC3E9

**Deuteranomaly**  
C5C1E8

**Tritanomaly**  
C0C4DC

# Monochromacy



**Original Color**  
C2C2E8

**Achromatopsia**  
C6C6C6

**Achromatomaly**  
C5C5D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2C2E8 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 #C2C2E8 looks like.

```
.text, #text, p{  
    color:#C2C2E8  
}
```

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 #C2C2E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2C2E8  
}
```

## Border

The CSS property to change the border of an element to Hex C2C2E8 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  
#C2C2E8 }
```

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

```
.border{ border-color:#C2C2E8 }
```

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

Here you see how a box with a 4 pixel #C2C2E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2C2E8; -webkit-box-shadow:4px 4px  
4px 4px #C2C2E8; box-shadow:4px 4px 4px  
4px #C2C2E8 }
```

# Background

The CSS property to change the background color of an element to Hex C2C2E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2C2E8 }
```

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

```
.background{ background-color:#C2C2E8 }
```

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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