

# Converting Colors

Hex(C5C6E6)

Have a look what the booklet for  
Hex(C5C6E6) contains.

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# Color

**Hex(C5C6E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5C6E6
RGB	197, 198, 230
RGB Percent	77%, 78%, 90%
CMY	0.2275, 0.2235, 0.0980
CMYK	0.14, 0.14, 0.00, 0.10
HSL	238°, 40%, 84%
HSV	238°, 14%, 90%
XYZ	57.5030, 57.9717, 83.0218
YIQ	201.3490, -10.8680, 9.7400

# Conversions

## Conversions Part 2

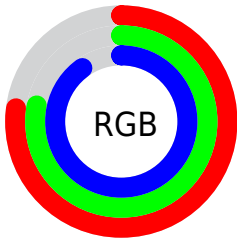
Format	Color
<a href="#">RYB</a>	<a href="#">197, 198, 230</a>
Decimal	<a href="#">12961510</a>
CIELab	<a href="#">80.72, 5.97, -15.95</a>
CIELCh	<a href="#">81, 17.033, 290.531</a>
Yxy	<a href="#">57.9717, 0.2897, 0.2921</a>
Android (android.graphics.Color)	<a href="#">4291151590</a> ( <a href="#">0xFFC5C6E6</a> )
YUV	<a href="#">201.3490, 14.1249, -3.8141</a>
Hunter-Lab	<a href="#">76.1391, 1.5661, -11.3522</a>

# Details

The Hex color **C5C6E6** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E6E5C5**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FEFFFF**, and **8F90AE** is the 20% darker color. If you saturate the color by 10%, you get **AEB0E6**, and if you desaturate by 10%, it is **DCDCE6**.

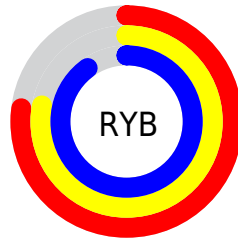
# Distribution



Red (77%)

Green (78%)

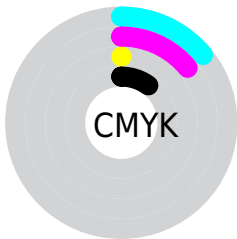
Blue (90%)



Red (77%)

Yellow (78%)

Blue (90%)

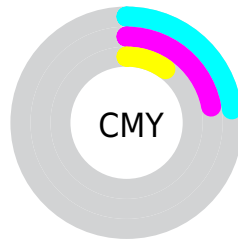


Cyan (14%)

Magenta (14%)

Yellow (0%)

Black (10%)



Cyan (23%)

Magenta (22%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5C6E6 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 C5C6E6 by changing the saturation by 10% instead.



 C5C6E6

 C5C6E6

FFFFFF

 AAABCA

FEFFFF

 8F90AE

 757794

 5C5E7A

 444661

 2D3049

 171B33

 00001E

 000000

 C5C6E6

 C5C6E6

 AEB0E6

 DCDCE6

 9799E6

 F3F3E6

 8083E6

 FFFFE6

 696DE6

 5256E6

 3B40E6

 242AE6

 0D14E6

 0007E6

# Harmonies

## Analogous

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



B1CBE7



C5C6E6



D8C1DD

# Triad

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



C5C6E6



E6C1B0



A7D1C3

# Complementary

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



C5C6E6



E6E5C5

# 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.



B7CFB4



C5C6E6



DAC6A9

# Square

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



C5C6E6



EABEBE



C9CBAA



9FD2D3

# Rectangle

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



C5C6E6



E2BFD3



C9CBAA



ACD1BD



# Sweetspot

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



C5C6E6



F5F5FF



C5E6E5



797980



000000



808080



# Same Dimension

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



C5C6E6



D4D5FF



D4C5E6



676873



0005B3



000233



# Inverse Universe

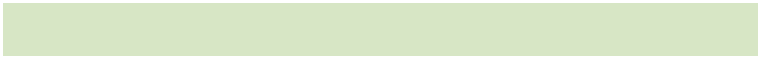
The Inverse Universe completely reimagines the original color for something new.



E6C5C6



FFD4D5



D7E6C5



736768



B30005

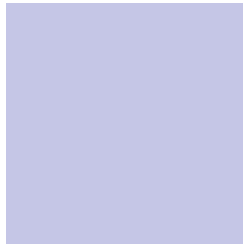


330002



# Previews

## White Background



This preview shows how the Hex color C5C6E6 looks on a white background.

## Color Contrast Check

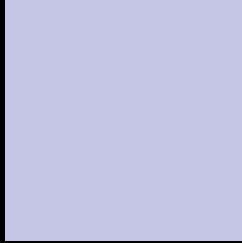
Large Text (above 18pt) WCAG AA × Fail

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 C5C6E6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

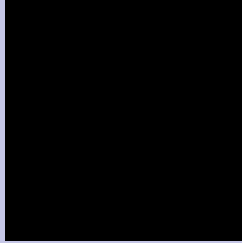
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C5C6E6 Background



This preview shows how black text looks on a background with the Hex color C5C6E6.



This preview shows how white text looks on a background with the Hex color C5C6E6.

# 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**  
C5C6E6

**Protanopia**  
C3C7E6

**Deuteranopia**  
CDC3E7



**Tritanopia**  
C3C8D8

# Trichromacy



**Original Color**  
C5C6E6

**Protanomaly**  
C4C7E6

**Deuteranomaly**  
CAC4E7

**Tritanomaly**  
C4C7DD

# Monochromacy



**Original Color**  
C5C6E6

**Achromatopsia**  
C9C9C9

**Achromatomaly**  
C8C8D4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5C6E6 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 #C5C6E6 looks like.

```
.text, #text, p{  
    color:#C5C6E6  
}
```

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 #C5C6E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5C6E6  
}
```

## Border

The CSS property to change the border of an element to Hex C5C6E6 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  
#C5C6E6 }
```

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

```
.border{ border-color:#C5C6E6 }
```

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

Here you see how a box with a 4 pixel #C5C6E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5C6E6; -webkit-box-shadow:4px 4px  
4px 4px #C5C6E6; box-shadow:4px 4px 4px  
4px #C5C6E6 }
```

# Background

The CSS property to change the background color of an element to Hex C5C6E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5C6E6 }
```

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

```
.background{ background-color:#C5C6E6 }
```

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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