

# Converting Colors

Hex(CCD5E1)

Have a look what the booklet for  
Hex(CCD5E1) contains.

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# **Color**

**Hex(CCD5E1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCD5E1
RGB	204, 213, 225
RGB Percent	80%, 84%, 88%
CMY	0.2000, 0.1647, 0.1176
CMYK	0.09, 0.05, 0.00, 0.12
HSL	214°, 26%, 84%
HSV	214°, 9%, 88%
XYZ	62.2867, 65.8621, 80.6640
YIQ	211.6770, -9.2160, 1.8240

# Conversions

## Conversions Part 2

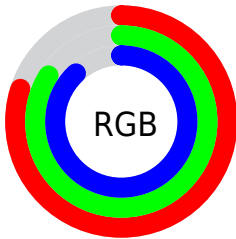
Format	Color
<a href="#">RYB</a>	<a href="#">204, 210, 225</a>
Decimal	<a href="#">13424097</a>
CIELab	<a href="#">84.93, -0.73, -6.96</a>
CIELCh	<a href="#">85, 6.996, 264.036</a>
Yxy	<a href="#">65.8621, 0.2983, 0.3154</a>
Android (android.graphics.Color)	<a href="#">4291614177</a> ( <a href="#">0xFFCCD5E1</a> )
YUV	<a href="#">211.6770, 6.5682, -6.7327</a>
Hunter-Lab	<a href="#">81.1555, -5.0236, -2.1221</a>

# Details

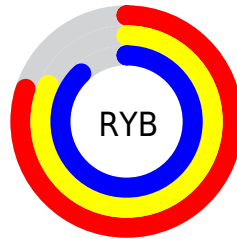
The Hex color **CCD5E1** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E1D8CC**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFFFF**, and **969EAA** is the 20% darker color. If you saturate the color by 10%, you get **B6C8E1**, and if you desaturate by 10%, it is **E3E2E1**.

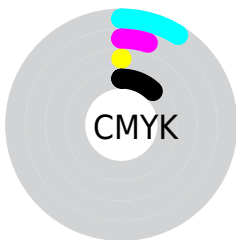
# Distribution



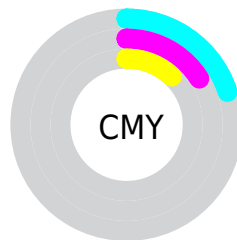
- Red (80%)
- Green (84%)
- Blue (88%)



- Red (80%)
- Yellow (82%)
- Blue (88%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)



- Cyan (20%)
- Magenta (16%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCD5E1 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 CCD5E1 by changing the saturation by 10% instead.



■ CCD5E1

FFFFFF

■ CCD5E1

■ B1B9C5

■ 969EAA

■ 7C848F

■ 636B76

■ 4B535D

■ 343C45

■ 1F262F

■ 08121A

■ 000000

■ CCD5E1

■ CCD5E1

■ B6C8E1

■ E3E2E1

■ 9FBBE1

■ F9EFE1

■ 89AEE1

■ FFFCE1

■ 72A2E1

■ FFFFE1

■ 5C95E1

■ 4588E1

■ 2F7BE1

■ 186EE1

■ 0261E1

# Harmonies

## Analogous

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



C6D7DE



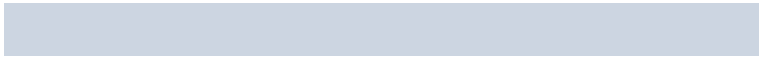
CCD5E1



D4D3E0

# Triad

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



CCD5E1



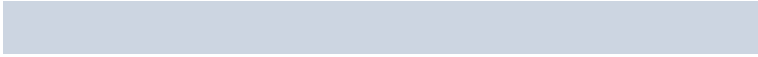
E3D0CF



CCD7CC

# Complementary

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



CCD5E1



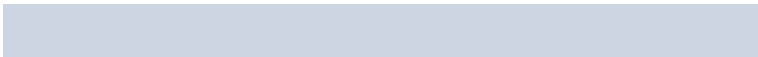
E1D8CC

# 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.



D4D5C8



CCD5E1



E1D1CA

# Square

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



CCD5E1



E1D0D6



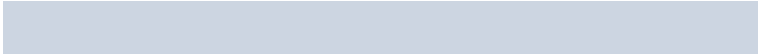
DBD3C7



C6D8D2

# Rectangle

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



CCD5E1



D9D1DE



DBD3C7

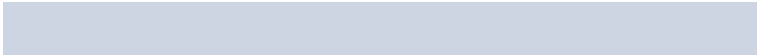


CFD7CA



# Sweetspot

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



CCD5E1



F7FBFF



CCE1D8



7A7D80



000000



808080

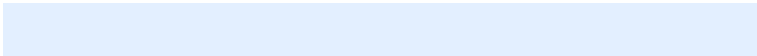


# Same Dimension

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



CCD5E1



E3EFFF



CDCCE1



656A70



004BB0



001530



# Inverse Universe

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



E1CCD5



FFE3EF



E0E1CC



70656A



B0004B

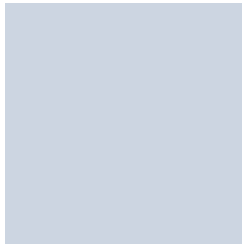


300015



# Previews

## White Background



This preview shows how the Hex color CCD5E1 looks on a white background.

## Color Contrast Check

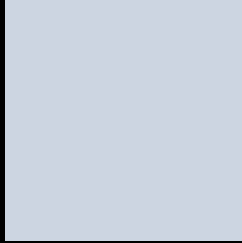
Large Text (above 18pt) WCAG AA × Fail

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 CCD5E1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

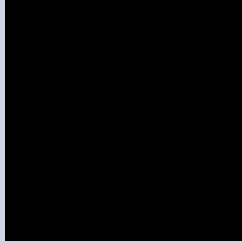
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

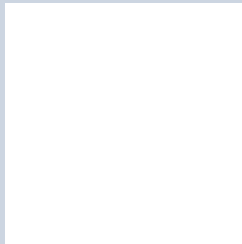
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CCD5E1 Background



This preview shows how black text looks on a background with the Hex color CCD5E1.

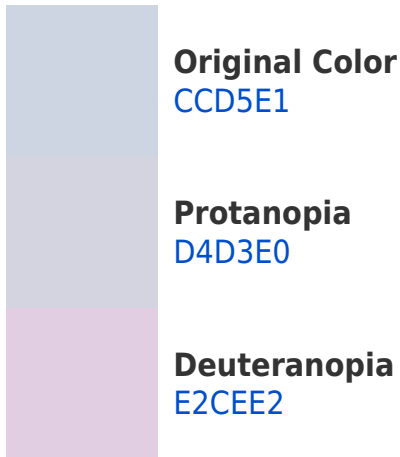


This preview shows how white text looks on a background with the Hex color CCD5E1.

# 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**  
CDD4E5

# Trichromacy



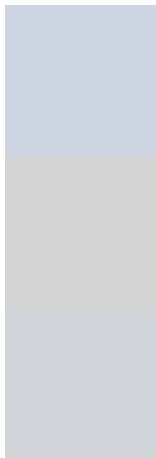
**Original Color**  
CCD5E1

**Protanomaly**  
D1D4E0

**Deuteranomaly**  
DAD1E2

**Tritanomaly**  
CDD4E4

# Monochromacy



**Original Color**  
CCD5E1

**Achromatopsia**  
D4D4D4

**Achromatomaly**  
D1D4D9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCD5E1 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 #CCD5E1 looks like.

```
.text, #text, p{  
    color:#CCD5E1  
}
```

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 #CCD5E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCD5E1
}
```

## Border

The CSS property to change the border of an element to Hex CCD5E1 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
#CCD5E1 }
```

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

```
.border{ border-color:#CCD5E1 }
```

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

Here you see how a box with a 4 pixel #CCD5E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCD5E1; -webkit-box-shadow:4px 4px  
4px 4px #CCD5E1; box-shadow:4px 4px 4px  
4px #CCD5E1 }
```

# Background

The CSS property to change the background color of an element to Hex CCD5E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCD5E1 }
```

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

```
.background{ background-color:#CCD5E1 }
```

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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