

Converting Colors

Hex(C5D9E3)

Have a look what the booklet for
Hex(C5D9E3) contains.

Hex(C5D9E3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C5D9E3)

Conversions

Conversions Part 1

Format	Color
Hex	C5D9E3
RGB	197, 217, 227
RGB Percent	77%, 85%, 89%
CMY	0.2275, 0.1490, 0.1098
CMYK	0.13, 0.04, 0.00, 0.11
HSL	200°, 35%, 83%
HSV	200°, 13%, 89%
XYZ	61.7039, 67.0421, 82.3613
YIQ	212.1600, -15.1300, -1.1300

Conversions

Conversions Part 2

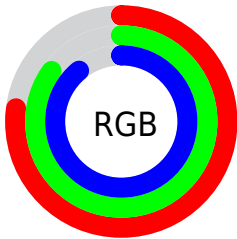
Format	Color
R _Y B	197, 209, 227
Decimal	12966371
CIE Lab	85.53, -4.67, -7.19
CIE LCh	86, 8.569, 236.990
Yxy	67.0421, 0.2923, 0.3176
Android (android.graphics.Color)	4291156451 (0xFFC5D9E3)
YUV	212.1600, 7.3161, -13.2953
Hunter-Lab	81.8792, -8.7716, -2.3236

Details

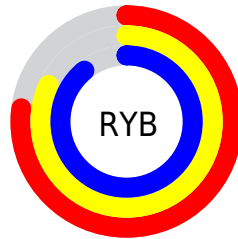
The Hex color **C5D9E3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E3CFC5**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FEFFFF**, and **8FA2AC** is the 20% darker color. If you saturate the color by 10%, you get **AED1E3**, and if you desaturate by 10%, it is **DCE1E3**.

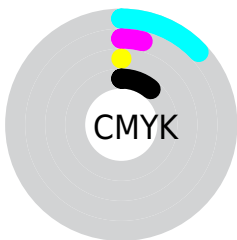
Distribution



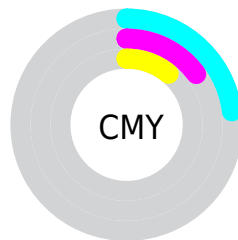
- Red (77%)
- Green (85%)
- Blue (89%)



- Red (77%)
- Yellow (82%)
- Blue (89%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (23%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5D9E3 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 C5D9E3 by changing the saturation by 10% instead.

■ C5D9E3

FFFFFF

FEFFFF

■ C5D9E3

■ AABDC7

■ 8FA2AC

■ 758891

■ 5C6F77

■ 44565F

■ 2E3F47

■ 182931

■ 00151C

■ 000000

 C5D9E3

 C5D9E3

 AED1E3

 DCE1E3

 98CAE3

 F2E8E3

 81C2E3

 FFF0E3

 6ABBE3

 FFF7E3

 54B3E3

 FFFF E3

 3DACE3

 26A4E3

 0F9CE3

 0097E3

Harmonies

Analogous

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



C2DADD



C5D9E3



CDD7E6

Triad

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



C5D9E3



E6D0D7



D4D7C7

Complementary

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



C5D9E3



E3CFC5

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.



DED5C6



C5D9E3



E8D1CF

Square

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



C5D9E3



E0D2DF



E5D2C8



CBDACD

Rectangle

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



C5D9E3



D3D5E5



E5D2C8



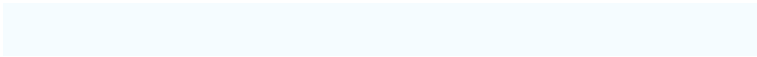
D8D7C6

Sweetspot

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



C5D9E3



F5FCFF



C5E3CF



797D80



000000



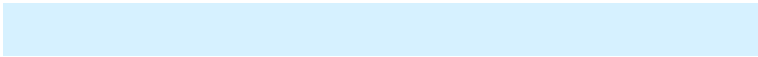
808080

Same Dimension

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



C5D9E3



D6F1FF



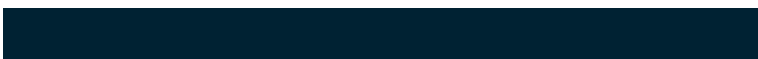
C5CAE3



676F73



0077B3



002233

Inverse Universe

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



E3C5D9



FFD6F1



E3DEC5



73676F



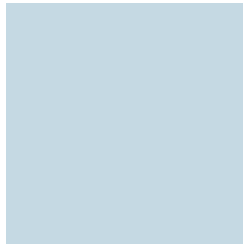
B30077



330022

Previews

White Background



This preview shows how the Hex color C5D9E3 looks on a white background.

Color Contrast Check

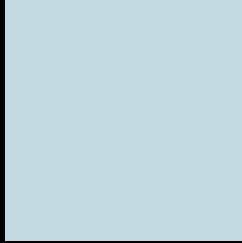
Large Text (above 18pt) WCAG AA × Fail

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 C5D9E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

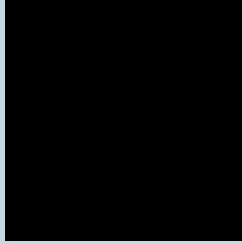
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

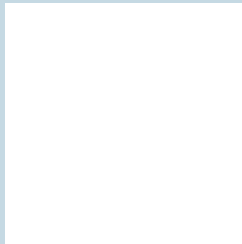
Any Text WCAG AAA ✓ Pass

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

Hex C5D9E3 Background



This preview shows how black text looks on a background with the Hex color C5D9E3.

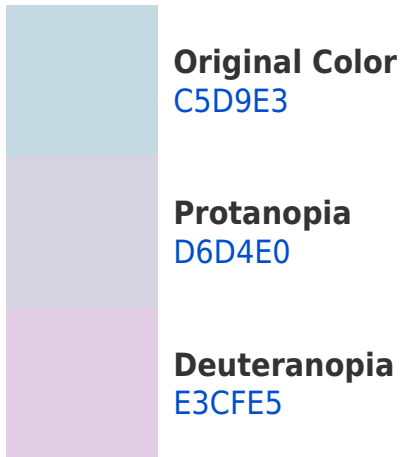


This preview shows how white text looks on a background with the Hex color C5D9E3.

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
C6D8E9

Trichromacy



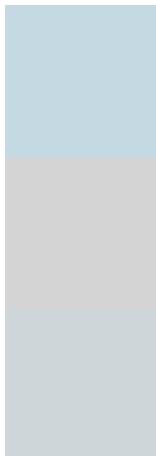
Original Color
C5D9E3

Protanomaly
D0D6E1

Deuteranomaly
D8D3E4

Tritanomaly
C6D8E7

Monochromacy



Original Color
C5D9E3

Achromatopsia
D4D4D4

Achromatomaly
CFD6D9

CSS Examples

Text

The CSS property to change the color of the text to Hex C5D9E3 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 #C5D9E3 looks like.

```
.text, #text, p{  
    color:#C5D9E3  
}
```

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 #C5D9E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5D9E3
}
```

Border

The CSS property to change the border of an element to Hex C5D9E3 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
#C5D9E3 }
```

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

```
.border{ border-color:#C5D9E3 }
```

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

Here you see how a box with a 4 pixel #C5D9E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5D9E3; -webkit-box-shadow:4px 4px  
4px 4px #C5D9E3; box-shadow:4px 4px 4px  
4px #C5D9E3 }
```

Background

The CSS property to change the background color of an element to Hex C5D9E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5D9E3 }
```

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

```
.background{ background-color:#C5D9E3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor