

Converting Colors

Hex(4CCDDE)

Have a look what the booklet for
Hex(4CCDDE) contains.

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Color

Hex(4CCDDE)

Conversions

Conversions Part 1

Format	Color
Hex	4CCDDE
RGB	76, 205, 222
RGB Percent	30%, 80%, 87%
CMY	0.7020, 0.1961, 0.1294
CMYK	0.66, 0.08, 0.00, 0.13
HSL	187°, 69%, 58%
HSV	187°, 66%, 87%
XYZ	37.9966, 50.4731, 76.8469
YIQ	168.3670, -82.3410, -22.0610

Conversions

Conversions Part 2

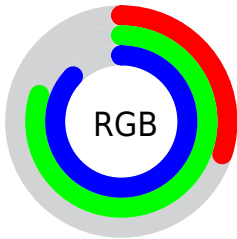
Format	Color
RYB	76, 144, 222
Decimal	5033438
CIELab	76.36, -29.77, -18.83
CIELCh	76, 35.222, 212.315
Yxy	50.4731, 0.2298, 0.3053
Android (android.graphics.Color)	4283223518 (0xFF4CCDDE)
YUV	168.3670, 26.4411, -81.0059
Hunter-Lab	71.0444, -28.8607, -14.4014

Details

The Hex color **4CCDDE** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **DE5D4C**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **8DFFFF**, and **0096A7** is the 20% darker color. If you saturate the color by 10%, you get **36CADE**, and if you desaturate by 10%, it is **62D0DE**.

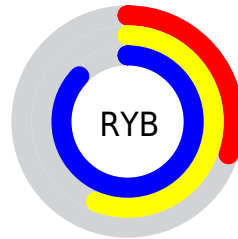
Distribution



Red (30%)

Green (80%)

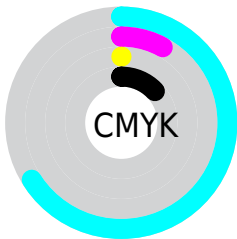
Blue (87%)



Red (30%)

Yellow (56%)

Blue (87%)

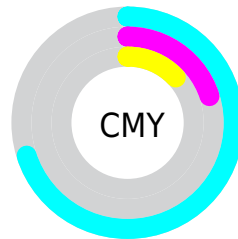


Cyan (66%)

Magenta (8%)

Yellow (0%)

Black (13%)



Cyan (70%)

Magenta (20%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CCDDE 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 4CCDDE by changing the saturation by 10% instead.

 4CCDDE

 4CCDDE

FFFFFF

 21B1C2

 8DFFFF

 0096A7

 ABFFFF

 007C8C

 CAFFFF

 006373

 E8FFFF

 004B5A

 003343

 00202D

 000118

 000000

 4CCDDE

 4CCDDE

 36CADE

 62D0DE

 20C8DE

 78D2DE

 09C5DE

 8FD5DE

 00C4DE

 A5D7DE

 BBD ADE

 D1DDDE

 E7DFDE

 FEE2DE

 FFE4DE

Harmonies

Analogous

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



61CEBE



4CCDDE



64C8F5

Triad

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



4CCDDE



E8A9DB



D0BB7B

Complementary

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



4CCDDE



DE5D4C

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.



ECB084



4CCDDE



FBA4BB

Square

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



4CCDDE



C4B3F3



FBA79B



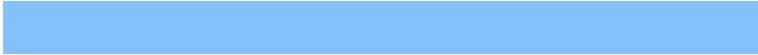
AEC584

Rectangle

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



4CCDDE



83C2FC



FBA79B



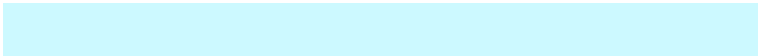
DAB77C

Sweetspot

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



4CCDDE



CCF9FF



4CDE5B



617C80



000000



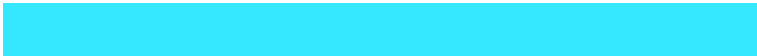
808080

Same Dimension

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



4CCDDE



36E8FF



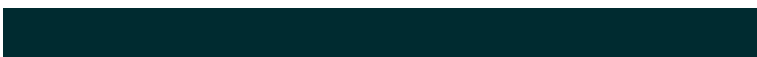
4C86DE



656F70



009BB0



002B30

Inverse Universe

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



DE4CCD



FF36E8



DEA44C



70656F



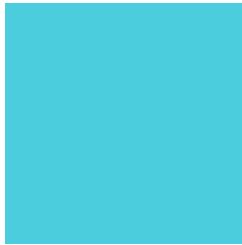
B0009B



30002B

Previews

White Background



This preview shows how the Hex color 4CCDDE looks on a white background.

Color Contrast Check

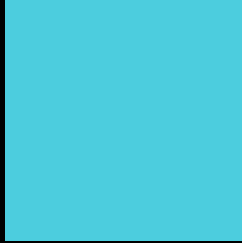
Large Text (above 18pt) WCAG AA × Fail

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 4CCDDE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

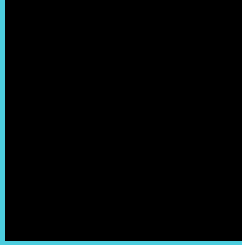
Any Text WCAG AA ✓ Pass

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 4CCDDE Background



This preview shows how black text looks on a background with the Hex color 4CCDDE.

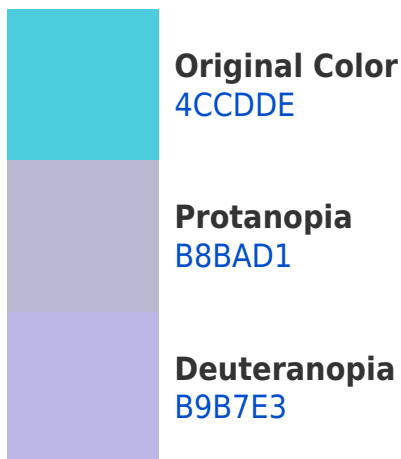


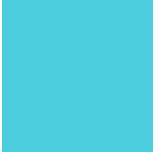
This preview shows how white text looks on a background with the Hex color 4CCDDE.

Color Blindness Simulation

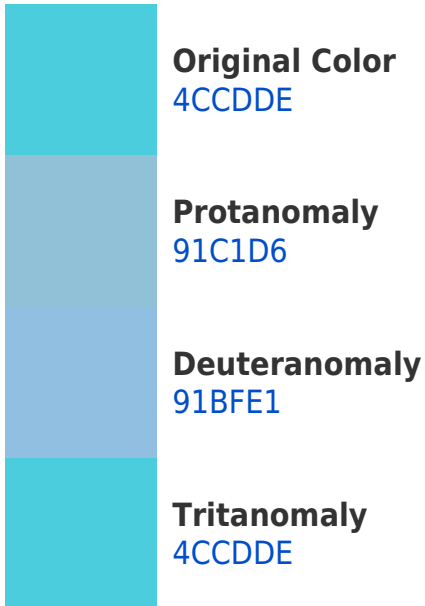
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

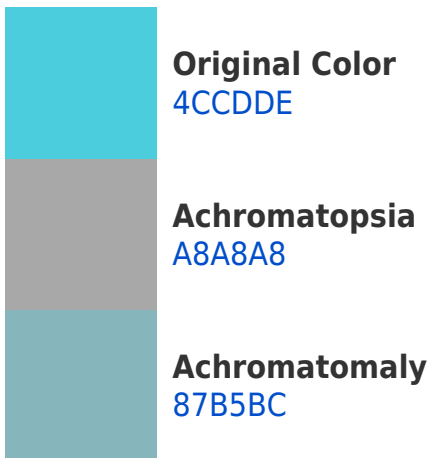




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CCDDE 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 #4CCDDE looks like.

```
.text, #text, p{  
    color:#4CCDDE  
}
```

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 #4CCDDE colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 4CCDDE 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
#4CCDDE }
```

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

```
.border{ border-color:#4CCDDE }
```

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

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

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

Background

The CSS property to change the background color of an element to Hex 4CCDDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CCDDE }
```

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

```
.background{ background-color:#4CCDDE }
```

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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