

# Converting Colors

Hex(4DDDE3)

Have a look what the booklet for  
Hex(4DDDE3) contains.

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# Color

**Hex(4DDDE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DDDE3
RGB	77, 221, 227
RGB Percent	30%, 87%, 89%
CMY	0.6980, 0.1333, 0.1098
CMYK	0.66, 0.03, 0.00, 0.11
HSL	182°, 73%, 60%
HSV	182°, 66%, 89%
XYZ	42.7821, 58.8367, 81.7748
YIQ	178.6280, -87.7500, -28.6620

# Conversions

## Conversions Part 2

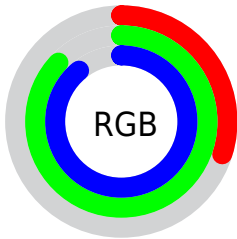
Format	Color
<a href="#">RYB</a>	<a href="#">77, 150, 227</a>
Decimal	<a href="#">5103075</a>
CIELab	<a href="#">81.20, -35.79, -14.21</a>
CIELCh	<a href="#">81, 38.502, 201.652</a>
Yxy	<a href="#">58.8367, 0.2333, 0.3208</a>
Android (android.graphics.Color)	<a href="#">4283293155 (0xFF4DDDE3)</a>
YUV	<a href="#">178.6280, 23.8474, -89.1278</a>
Hunter-Lab	<a href="#">76.7051, -34.6759, -9.5151</a>

# Details

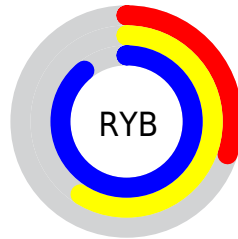
The Hex color **4DDDE3** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E3534D**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **8FFFFFF**, and **00A5AC** is the 20% darker color. If you saturate the color by 10%, you get **36DCE3**, and if you desaturate by 10%, it is **64DEE3**.

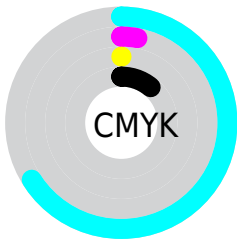
# Distribution



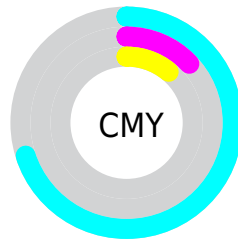
- Red (30%)
- Green (87%)
- Blue (89%)



- Red (30%)
- Yellow (59%)
- Blue (89%)



- Cyan (66%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (70%)
- Magenta (13%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DDDE3 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 4DDDE3 by changing the saturation by 10% instead.



 4DDDE3

 4DDDE3

FFFFFF

 1FC1C7

 8FFFFFF

 00A5AC

 AEFFFF

 008B91

 CDFFFF

 007178

 ECFFFF

 00585F

 003F47

 002931

 000A1C

 000000

 4DDDE3

 4DDDE3

 36DCE3

 64DEE3

 20DBE3

 7ADFE3

 09DAE3

 91E0E3

 00DAE3

 A8E1E3

 BEE2E3

 D5E2E3

 ECE3E3

 FFE4E3

 FFE5E3

# Harmonies

## Analogous

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



72DDBE



4DDDE3



55D9FF

# Triad

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



4DDDE3



EEB7F7



EBC482

# Complementary

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



4DDDE3



E3534D

# 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.



FFB893



4DDDE3



FFAFD5

# Square

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



4DDDE3



C0C4FF



FFAFB1



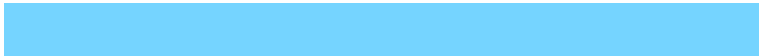
C7D086

# Rectangle

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



4DDDE3



75D4FF



FFAFB1



F5C086



# Sweetspot

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



4DDDE3



CCDFDF



4DE352



617E80



000000



808080



# Same Dimension

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



4DDDE3



36F7FF



4D93E3



677273



00ABB3



003133



# Inverse Universe

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



E34DDD



FF36F7



E39D4D



736772



B300AB

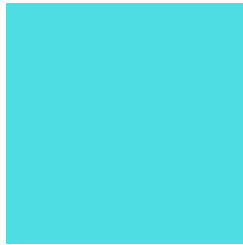


330031



# Previews

## White Background



This preview shows how the Hex color 4DDDE3 looks on a white background.

## Color Contrast Check

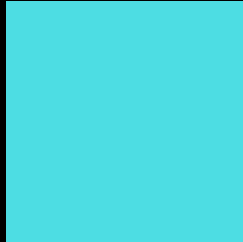
Large Text (above 18pt) WCAG AA × Fail

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 4DDDE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

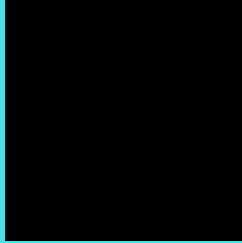
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4DDDE3 Background



This preview shows how black text looks on a background with the Hex color 4DDDE3.

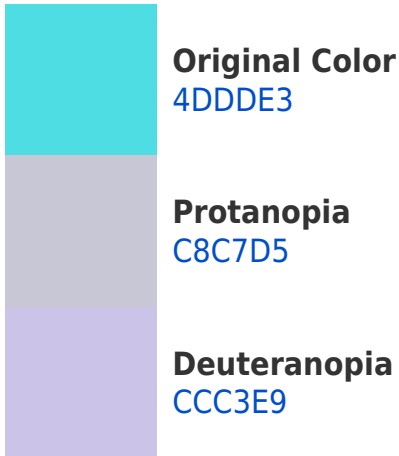


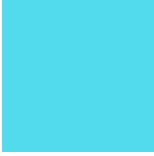
This preview shows how white text looks on a background with the Hex color 4DDDE3.

# 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



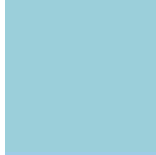


**Tritanopia**  
52DBED

# Trichromacy



**Original Color**  
4DDDE3



**Protanomaly**  
9BCFDA



**Deuteranomaly**  
9ECCE7

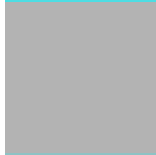


**Tritanomaly**  
50DCE9

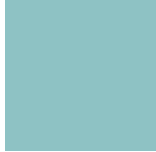
# Monochromacy



**Original Color**  
4DDDE3



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
8EC2C4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DDDE3 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 #4DDDE3 looks like.

```
.text, #text, p{  
    color:#4DDDE3  
}
```

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 #4DDDE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DDDE3  
}
```

## Border

The CSS property to change the border of an element to Hex 4DDDE3 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  
#4DDDE3 }
```

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

```
.border{ border-color:#4DDDE3 }
```

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

Here you see how a box with a 4 pixel #4DDDE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DDDE3; -webkit-box-shadow:4px 4px  
4px 4px #4DDDE3; box-shadow:4px 4px 4px  
4px #4DDDE3 }
```

# Background

The CSS property to change the background color of an element to Hex 4DDDE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DDDE3 }
```

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

```
.background{ background-color:#4DDDE3 }
```

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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