

Converting Colors

Hex(4DDAE0)

Have a look what the booklet for
Hex(4DDAE0) contains.

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Color

Hex(4DDAE0)

Conversions

Conversions Part 1

Format	Color
Hex	4DDAE0
RGB	77, 218, 224
RGB Percent	30%, 85%, 88%
CMY	0.6980, 0.1451, 0.1216
CMYK	0.66, 0.03, 0.00, 0.12
HSL	182°, 70%, 59%
HSV	182°, 66%, 88%
XYZ	41.5865, 57.1024, 79.3510
YIQ	176.5250, -85.9620, -28.0260

Conversions

Conversions Part 2

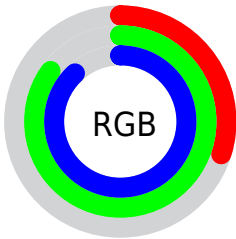
Format	Color
RYB	77, 149, 224
Decimal	5102304
CIELab	80.24, -35.23, -14.06
CIELCh	80, 37.931, 201.749
Yxy	57.1024, 0.2336, 0.3207
Android (android.graphics.Color)	4283292384 (0xFF4DDAE0)
YUV	176.5250, 23.4052, -87.2834
Hunter-Lab	75.5661, -34.0063, -9.3634

Details

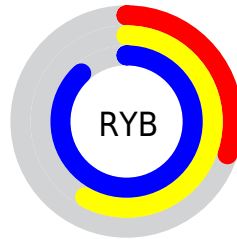
The Hex color **4DDAE0** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E0534D**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **8FFFFFF**, and **00A3A9** is the 20% darker color. If you saturate the color by 10%, you get **37D9E0**, and if you desaturate by 10%, it is **63DBE0**.

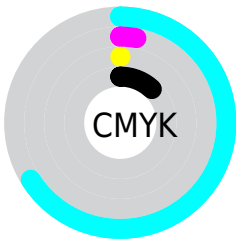
Distribution



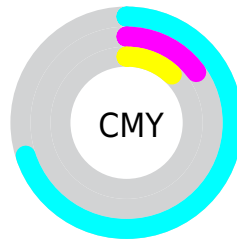
- Red (30%)
- Green (85%)
- Blue (88%)



- Red (30%)
- Yellow (58%)
- Blue (88%)



- Cyan (66%)
- Magenta (3%)
- Yellow (0%)
- Black (12%)



- Cyan (70%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DDAE0 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 4DDAE0 by changing the saturation by 10% instead.

 4DDAE0

 4DDAE0

FFFFFF

 20BEC4

 8FFFFFF

 00A3A9

 AEFFFF

 00888E

 CDFFFF

 006E75

 EBFFFF

 00555C

 003D45

 00282E

 00031B

 000000

 4DDAE0

 4DDAE0

 37D9E0

 63DBE0

 20D8E0

 7ADCE0

 0AD7E0

 90DDE0

 00D7E0

 A7DEE0

 BDDFE0

 D3DFE0

 EAE0E0

 FFE1E0

 FFE2E0

Harmonies

Analogous

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



71DABC



4DDAE0



55D6FE

Triad

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



4DDAE0



EAB5F3



E8C181

Complementary

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



4DDAE0



E0534D

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.



FFB691



4DDAE0



FFADD2

Square

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



4DDAE0



BEC1FF



FFADAF



C5CD84

Rectangle

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



4DDAE0



74D1FF



FFADAF



F2BD84

Sweetspot

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



4DDAE0



CCFDFF



4DE052



617E80



000000



808080

Same Dimension

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



4DDAE0



36F7FF



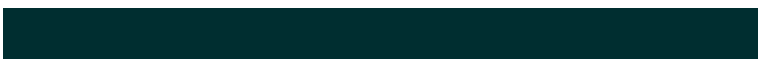
4D92E0



657070



00A9B0



002E30

Inverse Universe

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



E04DDA



FF36F7



E09B4D



706570



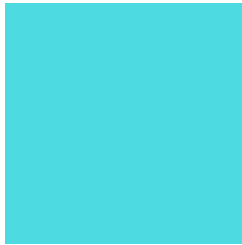
B000A9



30002E

Previews

White Background



This preview shows how the Hex color 4DDAE0 looks on a white background.

Color Contrast Check

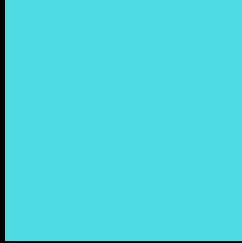
Large Text (above 18pt) WCAG AA × Fail

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 4DDAE0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

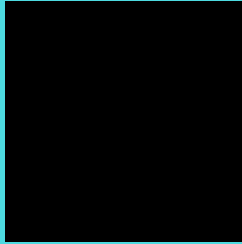
Any Text WCAG AA ✓ Pass

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 4DDAE0 Background



This preview shows how black text looks on a background with the Hex color 4DDAE0.

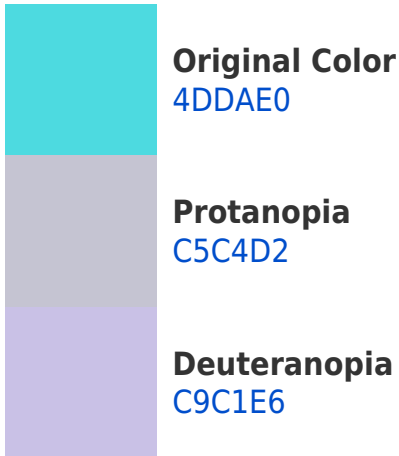


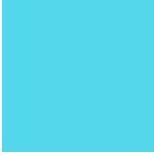
This preview shows how white text looks on a background with the Hex color 4DDAE0.

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
52D8EA

Trichromacy



Original Color
4DDAE0



Protanomaly
99CCD7



Deuteranomaly
9CCA4E

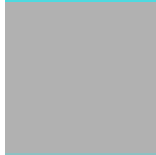


Tritanomaly
50D9E6

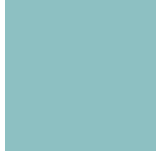
Monochromacy



Original Color
4DDAE0



Achromatopsia
B1B1B1



Achromatomaly
8DC0C2

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DDAE0 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 #4DDAE0 looks like.

```
.text, #text, p{  
    color:#4DDAE0  
}
```

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 #4DDAE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DDAE0  
}
```

Border

The CSS property to change the border of an element to Hex 4DDAE0 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  
#4DDAE0 }
```

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

```
.border{ border-color:#4DDAE0 }
```

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

Here you see how a box with a 4 pixel #4DDAE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DDAE0; -webkit-box-shadow:4px 4px  
4px 4px #4DDAE0; box-shadow:4px 4px 4px  
4px #4DDAE0 }
```

Background

The CSS property to change the background color of an element to Hex 4DDAE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DDAE0 }
```

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

```
.background{ background-color:#4DDAE0 }
```

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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