

Converting Colors

Hex(44C4DE)

Have a look what the booklet for
Hex(44C4DE) contains.

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Color

Hex(44C4DE)

Conversions

Conversions Part 1

Format	Color
Hex	44C4DE
RGB	68, 196, 222
RGB Percent	27%, 77%, 87%
CMY	0.7333, 0.2314, 0.1294
CMYK	0.69, 0.12, 0.00, 0.13
HSL	190°, 70%, 57%
HSV	190°, 69%, 87%
XYZ	35.3086, 45.9827, 76.1218
YIQ	160.6920, -84.6340, -19.0500

Conversions

Conversions Part 2

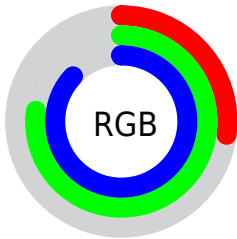
Format	Color
RYB	68, 138, 222
Decimal	4506846
CIELab	73.53, -26.49, -23.14
CIELCh	74, 35.172, 221.133
Yxy	45.9827, 0.2243, 0.2921
Android (android.graphics.Color)	4282696926 (0xFF44C4DE)
YUV	160.6920, 30.2248, -81.2909
Hunter-Lab	67.8106, -25.7244, -19.0895

Details

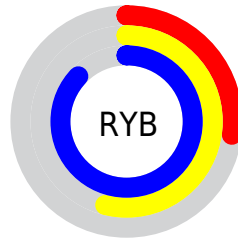
The Hex color **44C4DE** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **DE5E44**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **86FDFF**, and **008EA7** is the 20% darker color. If you saturate the color by 10%, you get **2EC0DE**, and if you desaturate by 10%, it is **5AC8DE**.

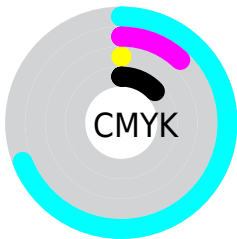
Distribution



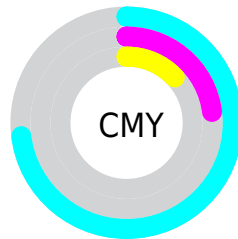
- Red (27%)
- Green (77%)
- Blue (87%)



- Red (27%)
- Yellow (54%)
- Blue (87%)



- Cyan (69%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)



- Cyan (73%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44C4DE 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 44C4DE by changing the saturation by 10% instead.

 44C4DE

 44C4DE

FFFFFF

 10A9C2

 86FDFD

 008EA7

 A5FFFF

 00748C

 C4FFFF

 005B73

 E2FFFF

 00435A

 002D43

 00172C

 000118

 000000

 44C4DE

 44C4DE

 2EC0DE

 5AC8DE

 18BDDE

 70CBDE

 01B9DE

 87CFDE

 00B9DE

 9DD3DE

 B3D7DE

 C9DADE

 DFDEDE

 F6E2DE

 FFE6DE

Harmonies

Analogous

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



4FC6C0



44C4DE



68BEF1

Triad

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



44C4DE



E79FCA



BFB775

Complementary

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



44C4DE



DE5E44

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.



DCAC78



44C4DE



F49CAA

Square

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



44C4DE



C8A8E5



F0A18C



9BBF83

Rectangle

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



44C4DE



8AB7F5



F0A18C



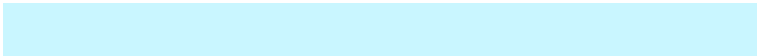
C9B374

Sweetspot

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



44C4DE



C9F6FF



44DE5E



607A80



000000



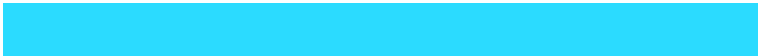
808080

Same Dimension

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



44C4DE



2BDBFF



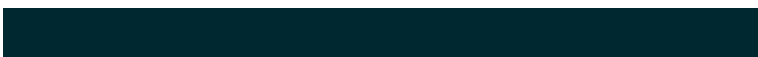
4477DE



656E70



0092B0



002830

Inverse Universe

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



DE44C4



FF2BDB



DEAB44



70656E



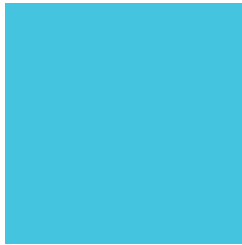
B00092



300028

Previews

White Background



This preview shows how the Hex color 44C4DE looks on a white background.

Color Contrast Check

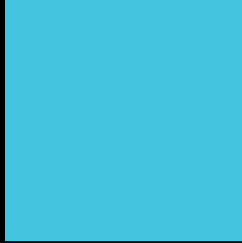
Large Text (above 18pt) WCAG AA × Fail

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 44C4DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

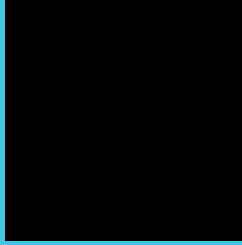
Any Text WCAG AA ✓ Pass

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 44C4DE Background



This preview shows how black text looks on a background with the Hex color 44C4DE.

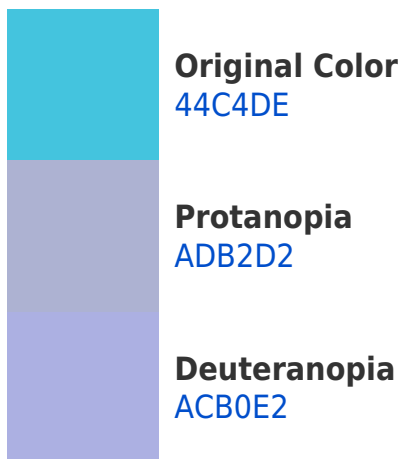


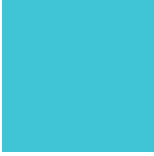
This preview shows how white text looks on a background with the Hex color 44C4DE.

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](#).

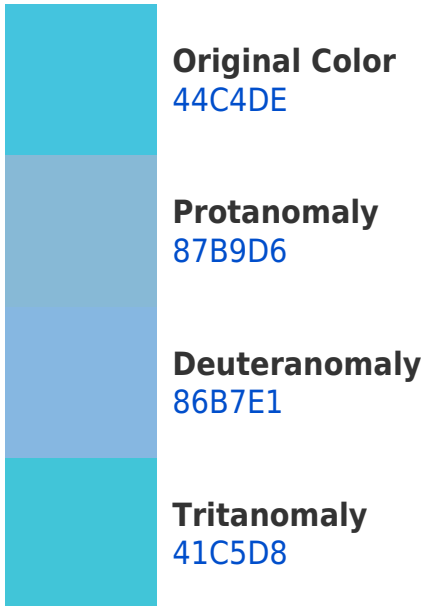
Dichromacy



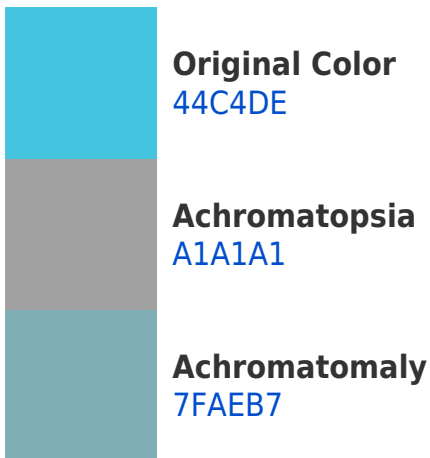


Tritanopia
3FC5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44C4DE 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 #44C4DE looks like.

```
.text, #text, p{  
    color:#44C4DE  
}
```

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 #44C4DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44C4DE
}
```

Border

The CSS property to change the border of an element to Hex 44C4DE 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
#44C4DE }
```

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

```
.border{ border-color:#44C4DE }
```

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

Here you see how a box with a 4 pixel #44C4DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44C4DE; -webkit-box-shadow:4px 4px  
4px 4px #44C4DE; box-shadow:4px 4px 4px  
4px #44C4DE }
```

Background

The CSS property to change the background color of an element to Hex 44C4DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44C4DE }
```

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

```
.background{ background-color:#44C4DE }
```

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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