

Converting Colors

Hex(44D7EE)

Have a look what the booklet for
Hex(44D7EE) contains.

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Color

Hex(44D7EE)

Conversions

Conversions Part 1

Format	Color
Hex	44D7EE
RGB	68, 215, 238
RGB Percent	27%, 84%, 93%
CMY	0.7333, 0.1569, 0.0667
CMYK	0.71, 0.10, 0.00, 0.07
HSL	188°, 83%, 60%
HSV	188°, 71%, 93%
XYZ	42.1170, 56.0029, 89.4788
YIQ	173.6690, -94.9950, -24.0110

Conversions

Conversions Part 2

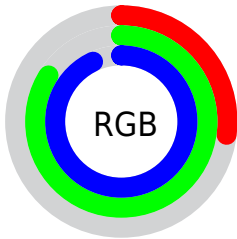
Format	Color
RYB	68, 147, 238
Decimal	4511726
CIELab	79.62, -30.94, -22.48
CIELCh	80, 38.248, 215.997
Yxy	56.0029, 0.2245, 0.2985
Android (android.graphics.Color)	4282701806 (0xFF44D7EE)
YUV	173.6690, 31.7152, -92.6717
Hunter-Lab	74.8351, -30.5021, -18.5073

Details

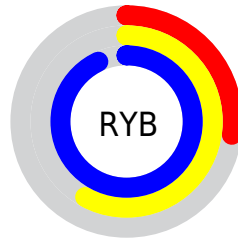
The Hex color **44D7EE** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **EE5B44**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **8AFFFF**, and **00A0B6** is the 20% darker color. If you saturate the color by 10%, you get **2CD4EE**, and if you desaturate by 10%, it is **5CDAEE**.

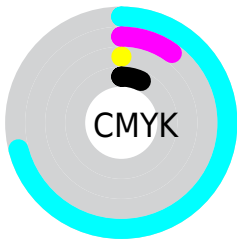
Distribution



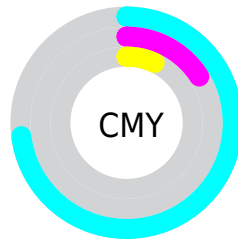
- Red (27%)
- Green (84%)
- Blue (93%)



- Red (27%)
- Yellow (58%)
- Blue (93%)



- Cyan (71%)
- Magenta (10%)
- Yellow (0%)
- Black (7%)



- Cyan (73%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Hex color 44D7EE 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 44D7EE by changing the saturation by 10% instead.

 44D7EE

 44D7EE

FFFFFF

 01BBD2

 8AFFFF

 00A0B6

 A9FFFF

 00859B

 C9FFFF

 006C81

 E8FFFF

 005368

 003B50

 002639

 000224

 00000B

 44D7EE

 44D7EE

 2CD4EE

 5CDAEE

 14D1EE

 74DDEE

 00CEEE

 8BE1EE

 A3E4EE

 BBE7EE

 D3EAEE

 EBEEEE

 FFF1EE

 FFF4EE

Harmonies

Analogous

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



5AD9CB



44D7EE



67D1FF

Triad

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



44D7EE



F8AEE3



D6C57E

Complementary

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



44D7EE



EE5B44

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.



F6B985



44D7EE



FFAABF

Square

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



44D7EE



D3BAFF



FFAE9D



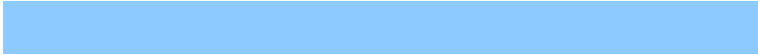
B0D08B

Rectangle

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



44D7EE



8CCAFF



FFAE9D



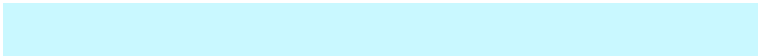
E2C17E

Sweetspot

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



44D7EE



C9F8FF



44EE5B



607B80



000000



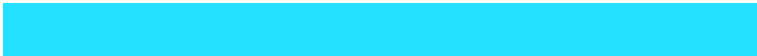
808080

Same Dimension

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



44D7EE



24E1FF



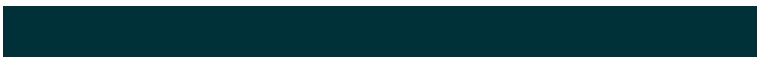
4482EE



6C7678



009FB8



003138

Inverse Universe

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



EE44D7



FF24E1



EEB044



786C76



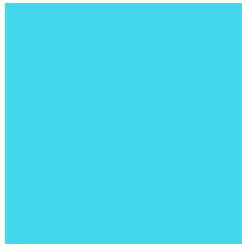
B8009F



380031

Previews

White Background



This preview shows how the Hex color 44D7EE looks on a white background.

Color Contrast Check

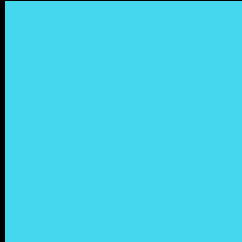
Large Text (above 18pt) WCAG AA × Fail

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 44D7EE 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 44D7EE Background



This preview shows how black text looks on a background with the Hex color 44D7EE.

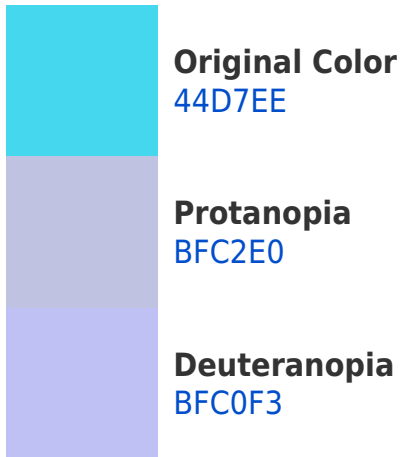


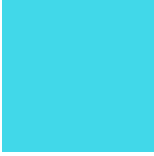
This preview shows how white text looks on a background with the Hex color 44D7EE.

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](#).

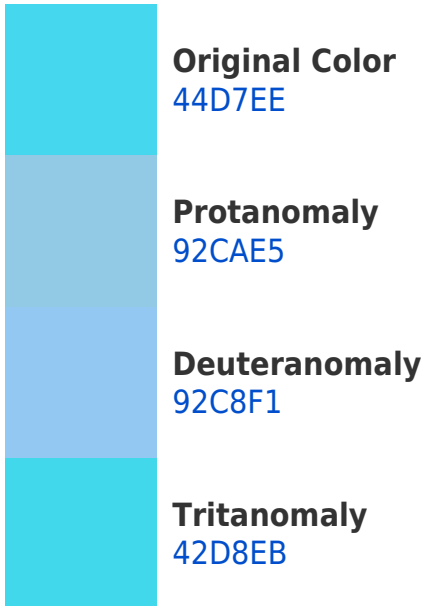
Dichromacy





Tritanopia
41D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44D7EE 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 #44D7EE looks like.

```
.text, #text, p{  
    color:#44D7EE  
}
```

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 #44D7EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44D7EE
}
```

Border

The CSS property to change the border of an element to Hex 44D7EE 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
#44D7EE }
```

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

```
.border{ border-color:#44D7EE }
```

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

Here you see how a box with a 4 pixel #44D7EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44D7EE; -webkit-box-shadow:4px 4px  
4px 4px #44D7EE; box-shadow:4px 4px 4px  
4px #44D7EE }
```

Background

The CSS property to change the background color of an element to Hex 44D7EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44D7EE }
```

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

```
.background{ background-color:#44D7EE }
```

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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