

Converting Colors

Hex(44CEC0)

Have a look what the booklet for
Hex(44CEC0) contains.

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Color

Hex(44CEC0)

Conversions

Conversions Part 1

Format	Color
Hex	44CEC0
RGB	68, 206, 192
RGB Percent	27%, 81%, 75%
CMY	0.7333, 0.1922, 0.2471
CMYK	0.67, 0.00, 0.07, 0.19
HSL	174°, 58%, 54%
HSV	174°, 67%, 81%
XYZ	33.9696, 49.1773, 57.5710
YIQ	163.1420, -77.7540, -33.6100

Conversions

Conversions Part 2

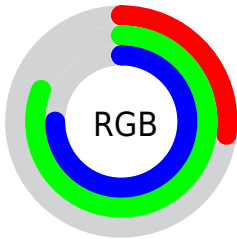
Format	Color
RYB	68, 141, 206
Decimal	4509376
CIELab	75.56, -39.83, -3.86
CIElCh	76, 40.018, 185.536
Yxy	49.1773, 0.2414, 0.3495
Android (android.graphics.Color)	4282699456 (0xFF44CEC0)
YUV	163.1420, 14.2270, -83.4395
Hunter-Lab	70.1265, -36.2552, 0.4140

Details

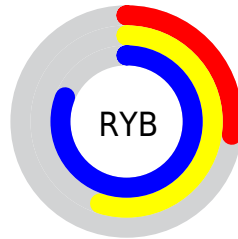
The Hex color **44CEC0** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **CE4452**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **85FFF8**, and **00978B** is the 20% darker color. If you saturate the color by 10%, you get **2FCEBE**, and if you desaturate by 10%, it is **59CEC2**.

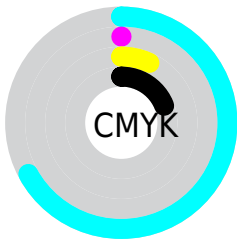
Distribution



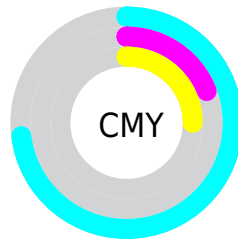
- Red (27%)
- Green (81%)
- Blue (75%)



- Red (27%)
- Yellow (55%)
- Blue (81%)



- Cyan (67%)
- Magenta (0%)
- Yellow (7%)
- Black (19%)



- Cyan (73%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44CEC0 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 44CEC0 by changing the saturation by 10% instead.

 44CEC0

 44CEC0

FFFFFF

 15B2A5

 85FFF8

 00978B

 A3FFFF

 007D71

 C1FFFF

 006359

 E0FFFF

 004A42

FEFFFF

 00322C

 001C17

 000000

 44CEC0

 44CEC0

 2FCEBE

 59CEC2

 1BCEBC

 6DCEC4

 06CEBA

 82CEC6

 00CEB9

 96CEC8

 ABCECA

 C0CECD

 D4CECF

 E9CED1

 FDCED3

Harmonies

Analogous

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



77CB9A



44CEC0



1BCCE4

Triad

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



44CEC0



C7AEF6



ECAD78

Complementary

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



44CEC0



CE4452

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.



FFA291



44CEC0



EEA2D9

Square

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



44CEC0



90BBFF



FF9DB5



CCBA70

Rectangle

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



44CEC0



39C9F6



FF9DB5



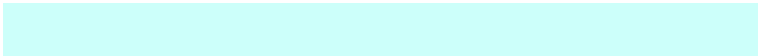
F4A97F

Sweetspot

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



44CEC0



CCFFFA



54CE44



61807C



000000



808080

Same Dimension

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



44CEC0



33FFEA



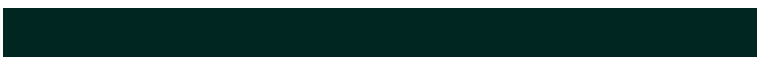
4499CE



5C6665



00A695



002622

Inverse Universe

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



CE4452



FF3348



CE7944



665C5D



A60011



260004

Previews

White Background



This preview shows how the Hex color 44CEC0 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 44CEC0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

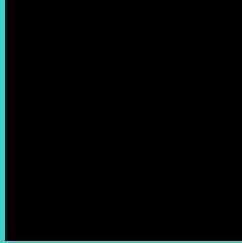
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

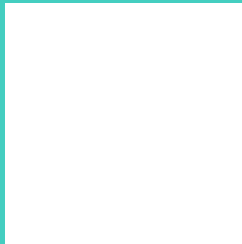
Any Text WCAG AAA ✓ Pass

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

Hex 44CEC0 Background



This preview shows how black text looks on a background with the Hex color 44CEC0.



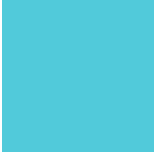
This preview shows how white text looks on a background with the Hex color 44CEC0.

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 44CEC0 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 #44CEC0 looks like.

```
.text, #text, p{  
    color:#44CEC0  
}
```

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 #44CEC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44CEC0
}
```

Border

The CSS property to change the border of an element to Hex 44CEC0 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
#44CEC0 }
```

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

```
.border{ border-color:#44CEC0 }
```

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

Here you see how a box with a 4 pixel #44CEC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44CEC0; -webkit-box-shadow:4px 4px  
4px 4px #44CEC0; box-shadow:4px 4px 4px  
4px #44CEC0 }
```

Background

The CSS property to change the background color of an element to Hex 44CEC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44CEC0 }
```

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

```
.background{ background-color:#44CEC0 }
```

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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