

Converting Colors

Hex(44CBE0)

Have a look what the booklet for
Hex(44CBE0) contains.

| | |
|--|----|
| Hex(44CBE0) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(44CBE0)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 44CBE0 |
| RGB | 68, 203, 224 |
| RGB Percent | 27%, 80%, 88% |
| CMY | 0.7333, 0.2039, 0.1216 |
| CMYK | 0.70, 0.09, 0.00, 0.12 |
| HSL | 188°, 72%, 57% |
| HSV | 188°, 70%, 88% |
| XYZ | 37.1944, 49.3226, 78.0809 |
| YIQ | 165.0290, -87.2010, -22.0890 |

Conversions

Conversions Part 2

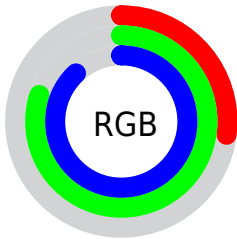
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 68, 140, 224 |
| Decimal | 4508640 |
| CIE _{Lab} | 75.65, -29.33, -21.00 |
| CIE _{LCh} | 76, 36.070, 215.598 |
| Y _{xy} | 49.3226, 0.2260, 0.2997 |
| Android (android.graphics.Color) | 4282698720 (0xFF44CBE0) |
| YUV | 165.0290, 29.0727, -85.0944 |
| Hunter-Lab | 70.2301, -28.3677, -16.7568 |

Details

The Hex color **44CBE0** 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 **E05944**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **87FFFF**, and **0094A9** is the 20% darker color. If you saturate the color by 10%, you get **2EC8E0**, and if you desaturate by 10%, it is **5ACEE0**.

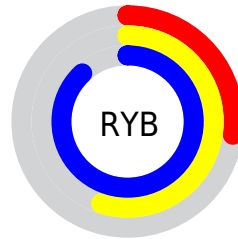
Distribution



Red (27%)

Green (80%)

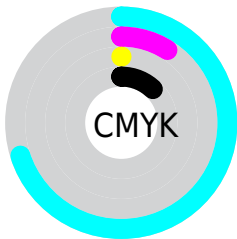
Blue (88%)



Red (27%)

Yellow (55%)

Blue (88%)

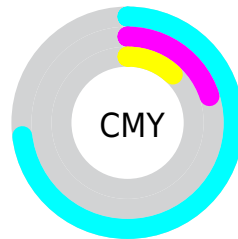


Cyan (70%)

Magenta (9%)

Yellow (0%)

Black (12%)



Cyan (73%)

Magenta (20%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44CBE0 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 44CBE0 by changing the saturation by 10% instead.

 44CBE0

 44CBE0

FFFFFF

 0DAFC4

 87FFFF

 0094A9

 A6FFFF

 007A8E

 C5FFFF

 006175

 E4FFFF

 00495C

 003244

 001E2E

 000119

 000000

44CB E0

44CB E0

2EC8 E0

5ACE E0

17C5 E0

71D1 E0

01C2 E0

87D4 E0

00C2 E0

9ED7 E0

B4DA E0

CADDE0

E1E0 E0

F7E3 E0

FFE6 E0

Harmonies

Analogous

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



58CDC0



44CBE0



63C5F6

Triad

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



44CBE0



EAA5D7



CBBA78

Complementary

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



44CBE0



E05944

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.



E8AF7F



44CBE0



FBA1B5

Square

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



44CBE0



C7B0F1



F9A595



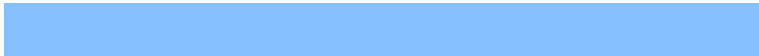
A7C483

Rectangle

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



44CBE0



85BFFC



F9A595



D6B778

Sweetspot

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



44CBE0



C9F8FF



44E059



607B80



000000



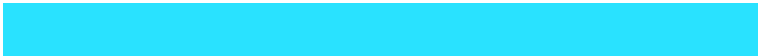
808080

Same Dimension

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



44CBE0



29E2FF



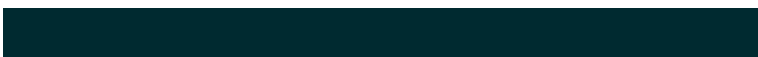
447DE0



656F70



0098B0



002A30

Inverse Universe

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



E044CB



FF29E2



E0A744



70656F



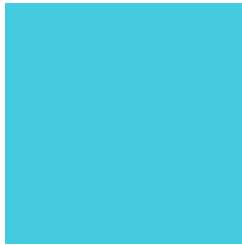
B00098



30002A

Previews

White Background



This preview shows how the Hex color 44CBE0 looks on a white background.

Color Contrast Check

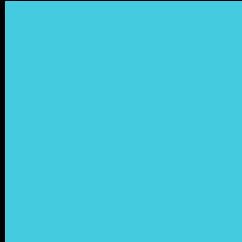
Large Text (above 18pt) WCAG AA × Fail

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 44CBE0 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 44CBE0 Background



This preview shows how black text looks on a background with the Hex color 44CBE0.



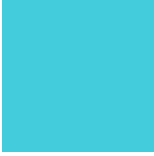
This preview shows how white text looks on a background with the Hex color 44CBE0.

Color Blindness Simulation

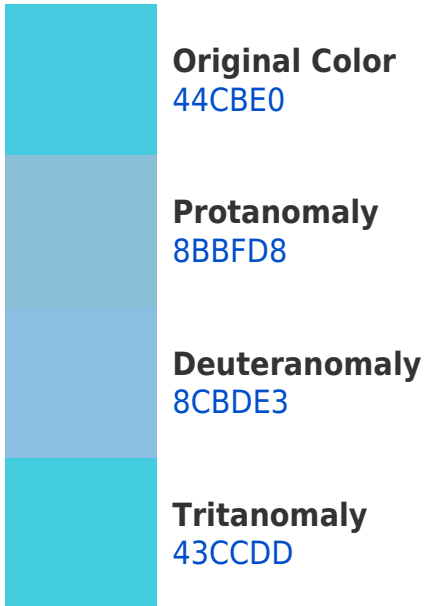
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44CBE0 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 #44CBE0 looks like.

```
.text, #text, p{  
    color:#44CBE0  
}
```

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 #44CBE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44CBE0
}
```

Border

The CSS property to change the border of an element to Hex 44CBE0 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
#44CBE0 }
```

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

```
.border{ border-color:#44CBE0 }
```

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

Here you see how a box with a 4 pixel #44CBE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44CBE0; -webkit-box-shadow:4px 4px  
4px 4px #44CBE0; box-shadow:4px 4px 4px  
4px #44CBE0 }
```

Background

The CSS property to change the background color of an element to Hex 44CBE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44CBE0 }
```

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

```
.background{ background-color:#44CBE0 }
```

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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