

Converting Colors

Hex(44CCE2)

Have a look what the booklet for
Hex(44CCE2) contains.

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Color

Hex(44CCE2)

Conversions

Conversions Part 1

Format	Color
Hex	44CCE2
RGB	68, 204, 226
RGB Percent	27%, 80%, 89%
CMY	0.7333, 0.2000, 0.1137
CMYK	0.70, 0.10, 0.00, 0.11
HSL	188°, 73%, 58%
HSV	188°, 70%, 89%
XYZ	37.7042, 49.9057, 79.5970
YIQ	165.8440, -88.1180, -21.9900

Conversions

Conversions Part 2

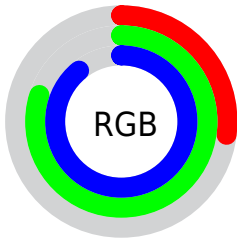
Format	Color
RYB	68, 141, 226
Decimal	4508898
CIELab	76.01, -29.22, -21.53
CIElCh	76, 36.290, 216.383
Yxy	49.9057, 0.2255, 0.2985
Android (android.graphics.Color)	4282698978 (0xFF44CCE2)
YUV	165.8440, 29.6569, -85.8092
Hunter-Lab	70.6439, -28.3575, -17.3534

Details

The Hex color **44CCE2** 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 **E25A44**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **88FFFF**, and **0095AB** is the 20% darker color. If you saturate the color by 10%, you get **2DC9E2**, and if you desaturate by 10%, it is **5BCFE2**.

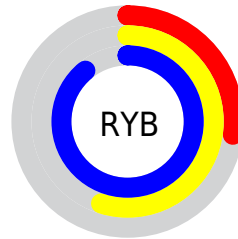
Distribution



Red (27%)

Green (80%)

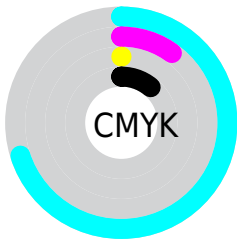
Blue (89%)



Red (27%)

Yellow (55%)

Blue (89%)

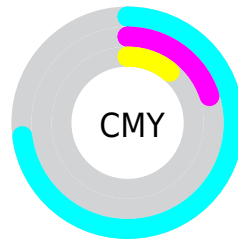


Cyan (70%)

Magenta (10%)

Yellow (0%)

Black (11%)



Cyan (73%)

Magenta (20%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44CCE2 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 44CCE2 by changing the saturation by 10% instead.

■ 44CCE2

■ 44CCE2

FFFFFF

■ 0CB0C6

■ 88FFFF

■ 0095AB

■ A7FFFF

■ 007B90

■ C5FFFF

■ 006276

■ E4FFFF

■ 004A5E

■ 003246

■ 001F2F

■ 00011B

■ 000000

■ 44CCE2

■ 44CCE2

■ 2DC9E2

■ 5BCFE2

■ 17C6E2

■ 71D2E2

■ 00C3E2

■ 88D5E2

■ 9ED9E2

■ B5DCE2

■ CCDFE2

■ E2E2E2

■ F9E5E2

■ FFE8E2

Harmonies

Analogous

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



57CEC2



44CCE2



64C6F8

Triad

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



44CCE2



ECA6D7



CBBC78

Complementary

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



44CCE2



E25A44

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.



E9B07F



44CCE2



FDA2B5

Square

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



44CCE2



C9B0F1



FBA695



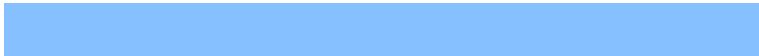
A7C584

Rectangle

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



44CCE2



87C0FE



FBA695



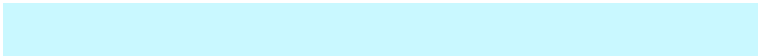
D6B878

Sweetspot

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



44CCE2



C9F8FF



44E259



607B80



000000



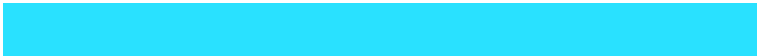
808080

Same Dimension

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



44CCE2



29E1FF



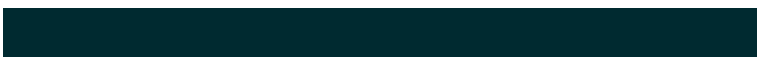
447EE2



656F70



0097B0



002A30

Inverse Universe

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



E244CC



FF29E1



E2A844



70656F



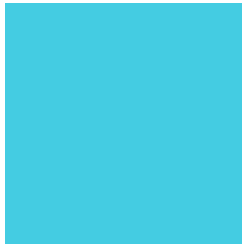
B00097



30002A

Previews

White Background



This preview shows how the Hex color 44CCE2 looks on a white background.

Color Contrast Check

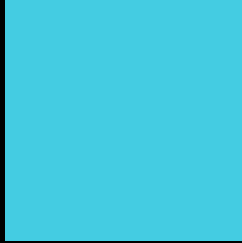
Large Text (above 18pt) WCAG AA × Fail

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 44CCE2 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 44CCE2 Background



This preview shows how black text looks on a background with the Hex color 44CCE2.

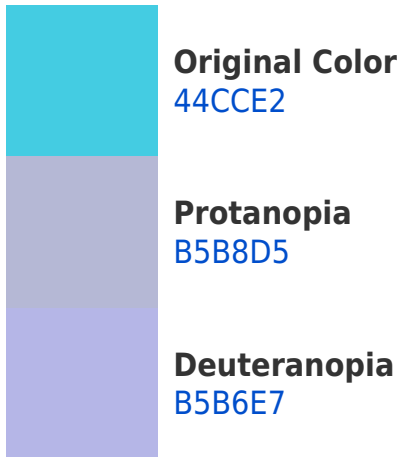


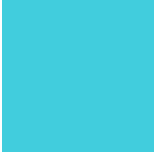
This preview shows how white text looks on a background with the Hex color 44CCE2.

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](#).

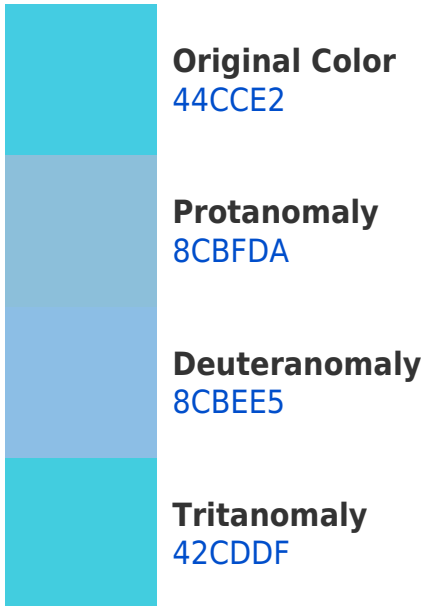
Dichromacy



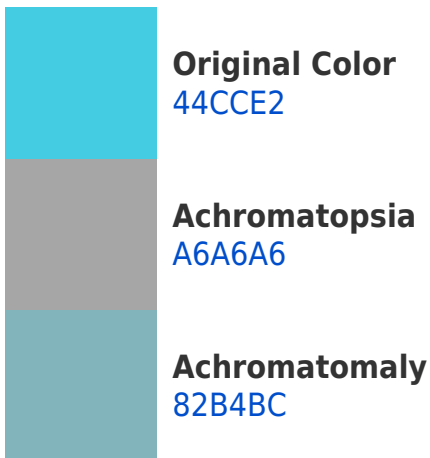


Tritanopia
41CDDD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44CCE2 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 #44CCE2 looks like.

```
.text, #text, p{  
    color:#44CCE2  
}
```

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 #44CCE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44CCE2
}
```

Border

The CSS property to change the border of an element to Hex 44CCE2 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
#44CCE2 }
```

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

```
.border{ border-color:#44CCE2 }
```

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

Here you see how a box with a 4 pixel #44CCE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44CCE2; -webkit-box-shadow:4px 4px  
4px 4px #44CCE2; box-shadow:4px 4px 4px  
4px #44CCE2 }
```

Background

The CSS property to change the background color of an element to Hex 44CCE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44CCE2 }
```

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

```
.background{ background-color:#44CCE2 }
```

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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