

Converting Colors

Hex(44BEE3)

Have a look what the booklet for
Hex(44BEE3) contains.

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Color

Hex(44BEE3)

Conversions

Conversions Part 1

Format	Color
Hex	44BEE3
RGB	68, 190, 227
RGB Percent	27%, 75%, 89%
CMY	0.7333, 0.2549, 0.1098
CMYK	0.70, 0.16, 0.00, 0.11
HSL	194°, 74%, 58%
HSV	194°, 70%, 89%
XYZ	34.6625, 43.6019, 79.2621
YIQ	157.7400, -84.5890, -14.3570

Conversions

Conversions Part 2

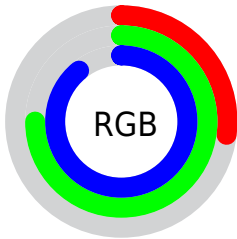
Format	Color
R _Y B	68, 137, 227
Decimal	4505315
CIE Lab	71.96, -21.92, -28.26
CIE LCh	72, 35.761, 232.199
Yxy	43.6019, 0.2200, 0.2768
Android (android.graphics.Color)	4282695395 (0xFF44BEE3)
YUV	157.7400, 34.1452, -78.7020
Hunter-Lab	66.0317, -21.8544, -24.9474

Details

The Hex color **44BEE3** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **E36944**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **87F6FF**, and **0088AC** is the 20% darker color. If you saturate the color by 10%, you get **2DB9E3**, and if you desaturate by 10%, it is **5BC3E3**.

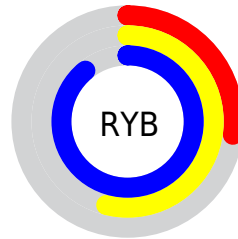
Distribution



Red (27%)

Green (75%)

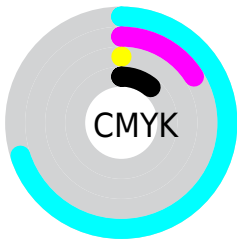
Blue (89%)



Red (27%)

Yellow (54%)

Blue (89%)

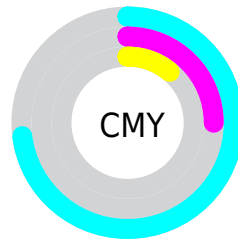


Cyan (70%)

Magenta (16%)

Yellow (0%)

Black (11%)



Cyan (73%)

Magenta (25%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44BEE3 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 44BEE3 by changing the saturation by 10% instead.

 44BEE3

 44BEE3


FFFFFF

 0FA3C7

 87F6FF

 0088AC

 A5FFFF

 006F91

 C4FFFF

 005677

 E3FFFF

 003F5E

 002946

 001030

 00011B

 000000

■ 44BEE3

■ 44BEE3

■ 2DB9E3

■ 5BC3E3

■ 17B3E3

■ 71C9E3

■ 00AEE3

■ 88CEE3

■ 9FD3E3

■ B5D8E3

■ CCDEE3

■ E3E3E3

■ FAE8E3

■ FFE3E3

Harmonies

Analogous

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



3CC2C8



44BEE3



75B6F0

Triad

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



44BEE3



EA98BA



AEB673

Complementary

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



44BEE3



E36944

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.



CEAB70



44BEE3



F19999

Square

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



44BEE3



D2A0D9



E6A07E



88BE87

Rectangle

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



44BEE3



98AFF0



E6A07E



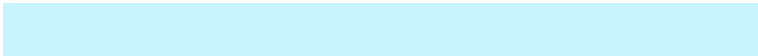
B9B370

Sweetspot

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



44BEE3



C9F3FF



44E366



607880



000000



808080

Same Dimension

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



44BEE3



29CDFE



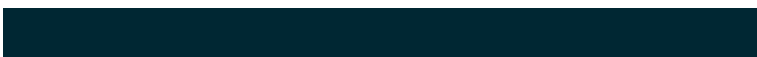
4471E3



677073



0089B3



002733

Inverse Universe

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



E344BE



FF29CD



E3B644



736770



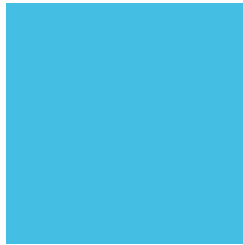
B30089



330027

Previews

White Background



This preview shows how the Hex color 44BEE3 looks on a white background.

Color Contrast Check

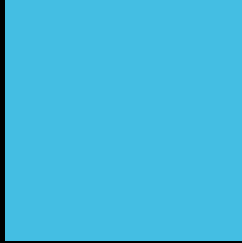
Large Text (above 18pt) WCAG AA × Fail

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 44BEE3 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 44BEE3 Background



This preview shows how black text looks on a background with the Hex color 44BEE3.

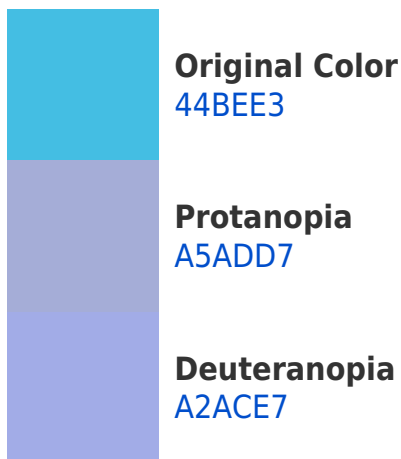


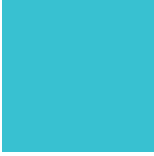
This preview shows how white text looks on a background with the Hex color 44BEE3.

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](#).

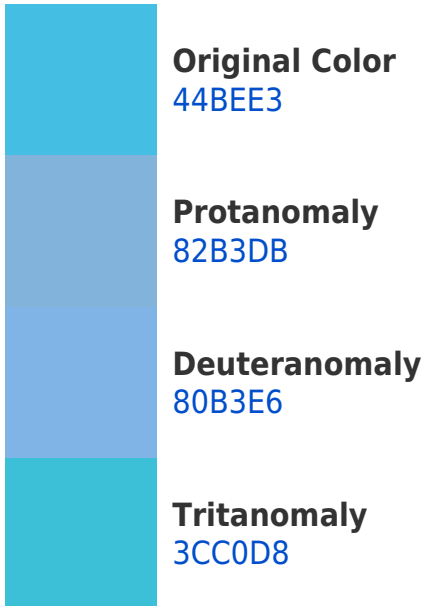
Dichromacy



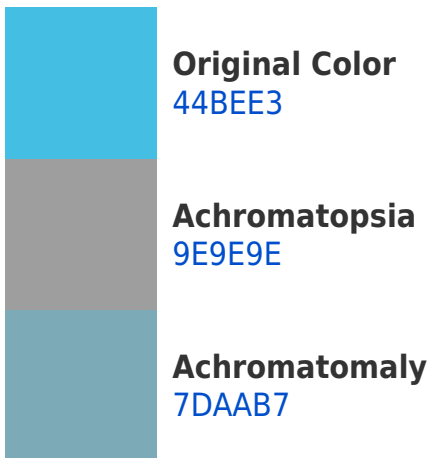


Tritanopia
38C1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44BEE3 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 #44BEE3 looks like.

```
.text, #text, p{  
    color:#44BEE3  
}
```

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 #44BEE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44BEE3
}
```

Border

The CSS property to change the border of an element to Hex 44BEE3 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
#44BEE3 }
```

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

```
.border{ border-color:#44BEE3 }
```

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

Here you see how a box with a 4 pixel #44BEE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44BEE3; -webkit-box-shadow:4px 4px  
4px 4px #44BEE3; box-shadow:4px 4px 4px  
4px #44BEE3 }
```

Background

The CSS property to change the background color of an element to Hex 44BEE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44BEE3 }
```

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

```
.background{ background-color:#44BEE3 }
```

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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