

Converting Colors

Hex(44ABE3)

Have a look what the booklet for
Hex(44ABE3) contains.

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Color

Hex(44ABE3)

Conversions

Conversions Part 1

Format	Color
Hex	44ABE3
RGB	68, 171, 227
RGB Percent	27%, 67%, 89%
CMY	0.7333, 0.3294, 0.1098
CMYK	0.70, 0.25, 0.00, 0.11
HSL	201°, 74%, 58%
HSV	201°, 70%, 89%
XYZ	30.8119, 35.9008, 77.9786
YIQ	146.5870, -79.3640, -4.4200

Conversions

Conversions Part 2

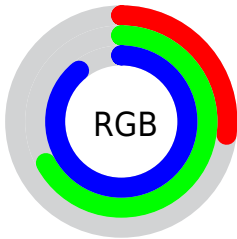
Format	Color
R _{YB}	68, 131, 227
Decimal	4500451
CIE _{Lab}	66.44, -11.89, -36.79
CIE _{LCh}	66, 38.665, 252.097
Yxy	35.9008, 0.2129, 0.2481
Android (android.graphics.Color)	4282690531 (0xFF44ABE3)
YUV	146.5870, 39.6436, -68.9208
Hunter-Lab	59.9173, -13.0632, -35.2202

Details

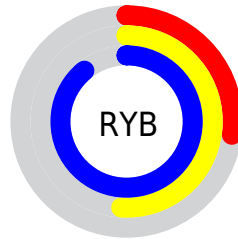
The Hex color **44ABE3** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **E37C44**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **85E2FF**, and **0077AB** is the 20% darker color. If you saturate the color by 10%, you get **2DA3E3**, and if you desaturate by 10%, it is **5BB3E3**.

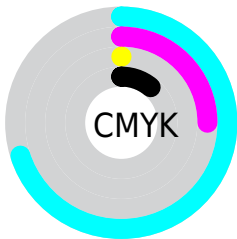
Distribution



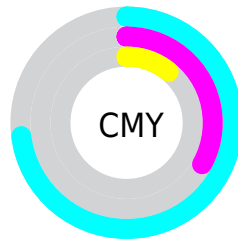
- Red (27%)
- Green (67%)
- Blue (89%)



- Red (27%)
- Yellow (51%)
- Blue (89%)



- Cyan (70%)
- Magenta (25%)
- Yellow (0%)
- Black (11%)



- Cyan (73%)
- Magenta (33%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44ABE3 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 44ABE3 by changing the saturation by 10% instead.

■ 44ABE3

■ 44ABE3

FFFFFF

■ 1391C7

■ 85E2FF

■ 0077AB

■ A4FFFF

■ 005E91

■ C2FFFF

■ 004777

■ E1FFFF

■ 00305E

■ 001D46

■ 00042F

■ 000119

■ 000000

■ 44ABE3

■ 44ABE3

■ 2DA3E3

■ 5BB3E3

■ 179BE3

■ 71BBE3

■ 0093E3

■ 88C3E3

■ 9FCBE3

■ B5D3E3

■ CCDBE3

■ E3E3E3

■ FAE3E3

■ FFF3E3

Harmonies

Analogous

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



00B2CF



44ABE3



85A0E5

Triad

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



44ABE3



E58695



84AD6D

Complementary

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



44ABE3



E37C44

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.



AAA45C



44ABE3



DF8D75

Square

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



44ABE3



D889B8



CA9860



57B28B

Rectangle

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



44ABE3



A898DC



CA9860



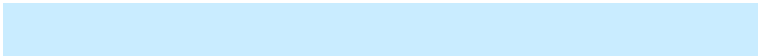
91AA65

Sweetspot

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



44ABE3



C9ECFF



44E37C



607480



000000



808080

Same Dimension

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



44ABE3



29B4FF



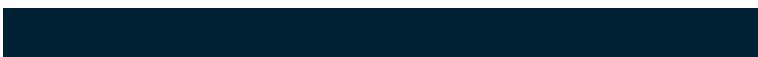
445CE3



676F73



0074B3



002133

Inverse Universe

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



E344AB



FF29B4



E3CB44



73676F



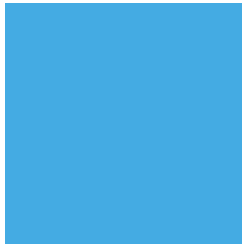
B30074



330021

Previews

White Background



This preview shows how the Hex color 44ABE3 looks on a white background.

Color Contrast Check

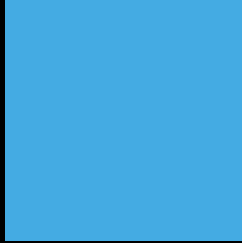
Large Text (above 18pt) WCAG AA × Fail

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 44ABE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

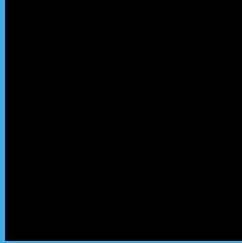
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

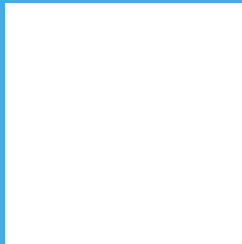
Any Text WCAG AAA ✓ Pass

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

Hex 44ABE3 Background



This preview shows how black text looks on a background with the Hex color 44ABE3.

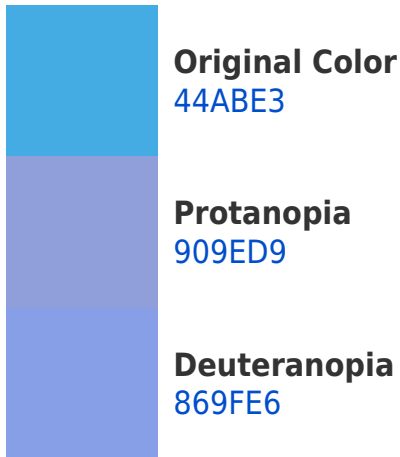


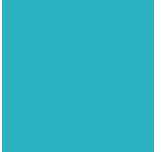
This preview shows how white text looks on a background with the Hex color 44ABE3.

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](#).

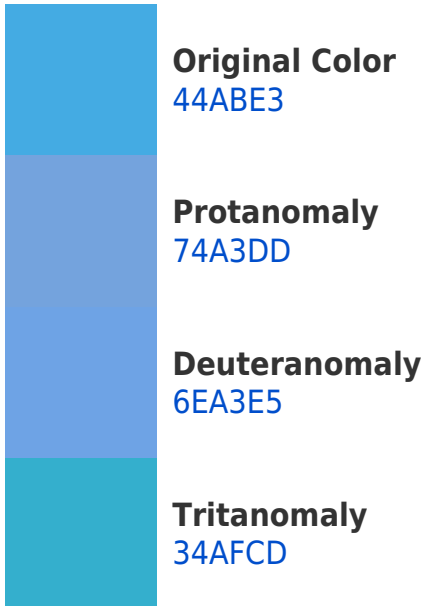
Dichromacy



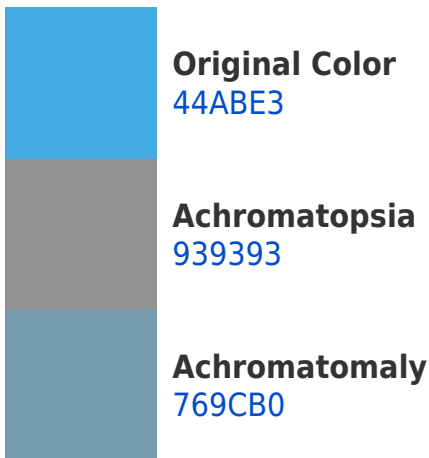


Tritanopia
2BB1C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44ABE3 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 #44ABE3 looks like.

```
.text, #text, p{  
    color:#44ABE3  
}
```

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 #44ABE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44ABE3  
}
```

Border

The CSS property to change the border of an element to Hex 44ABE3 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  
#44ABE3 }
```

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

```
.border{ border-color:#44ABE3 }
```

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

Here you see how a box with a 4 pixel #44ABE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44ABE3; -webkit-box-shadow:4px 4px  
4px 4px #44ABE3; box-shadow:4px 4px 4px  
4px #44ABE3 }
```

Background

The CSS property to change the background color of an element to Hex 44ABE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44ABE3 }
```

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

```
.background{ background-color:#44ABE3 }
```

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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