

Converting Colors

Hex(44BAE3)

Have a look what the booklet for
Hex(44BAE3) contains.

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Color

Hex(44BAE3)

Conversions

Conversions Part 1

Format	Color
Hex	44BAE3
RGB	68, 186, 227
RGB Percent	27%, 73%, 89%
CMY	0.7333, 0.2706, 0.1098
CMYK	0.70, 0.18, 0.00, 0.11
HSL	195°, 74%, 58%
HSV	195°, 70%, 89%
XYZ	33.8079, 41.8928, 78.9773
YIQ	155.3920, -83.4890, -12.2650

Conversions

Conversions Part 2

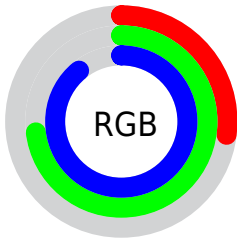
Format	Color
R _{YB}	68, 136, 227
Decimal	4504291
CIE Lab	70.80, -19.86, -30.05
CIE LCh	71, 36.018, 236.540
Yxy	41.8928, 0.2186, 0.2708
Android (android.graphics.Color)	4282694371 (0xFF44BAE3)
YUV	155.3920, 35.3027, -76.6428
Hunter-Lab	64.7247, -20.0314, -27.0387

Details

The Hex color **44BAE3** 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 **E36D44**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **86F2FF**, and **0085AB** is the 20% darker color. If you saturate the color by 10%, you get **2DB4E3**, and if you desaturate by 10%, it is **5BC0E3**.

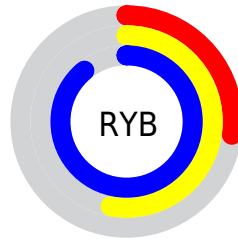
Distribution



Red (27%)

Green (73%)

Blue (89%)



Red (27%)

Yellow (53%)

Blue (89%)

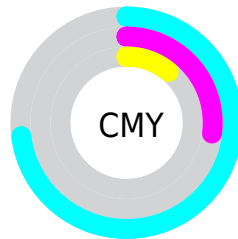


Cyan (70%)

Magenta (18%)

Yellow (0%)

Black (11%)



Cyan (73%)

Magenta (27%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44BAE3 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 44BAE3 by changing the saturation by 10% instead.

■ 44BAE3

■ 44BAE3

FFFFFF

■ 109FC7

■ 86F2FF

■ 0085AB

■ A5FFFF

■ 006B91

■ C4FFFF

■ 005377

■ E2FFFF

■ 003C5E

■ 002646

■ 000930

■ 00011A

■ 000000

■ 44BAE3

■ 44BAE3

■ 2DB4E3

■ 5BC0E3

■ 17AEE3

■ 71C6E3

■ 00A8E3

■ 88CCE3

■ 9FD1E3

■ B5D7E3

■ CCDDE3

■ E3E3E3

■ FAE9E3

■ FFEFE3

Harmonies

Analogous

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



32BEC9



44BAE3



79B2EE

Triad

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



44BAE3



E994B2



A5B472

Complementary

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



44BAE3



E36D44

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.



C7AA6C



44BAE3



ED9692

Square

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



44BAE3



D39BD2



E09F78



7FBB88

Rectangle

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



44BAE3



9CAAEC



E09F78



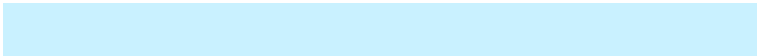
B1B16E

Sweetspot

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



44BAE3



C9F1FF



44E36C



607780



000000



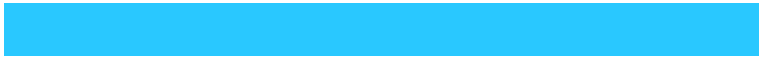
808080

Same Dimension

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



44BAE3



29C8FF



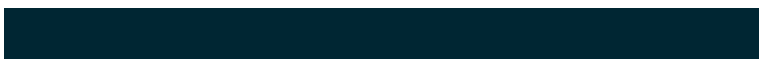
446CE3



677073



0084B3



002633

Inverse Universe

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



E344BA



FF29C8



E3BB44



736770



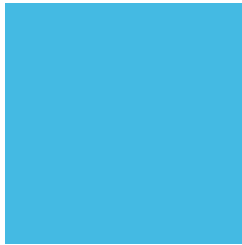
B30084



330026

Previews

White Background



This preview shows how the Hex color 44BAE3 looks on a white background.

Color Contrast Check

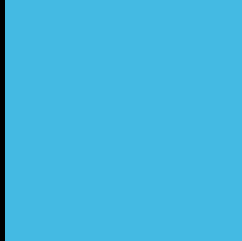
Large Text (above 18pt) WCAG AA × Fail

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 44BAE3 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 44BAE3 Background



This preview shows how black text looks on a background with the Hex color 44BAE3.

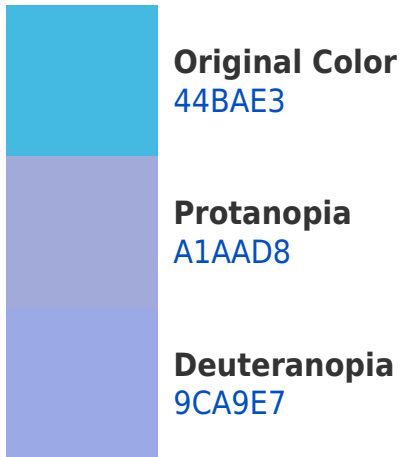


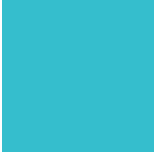
This preview shows how white text looks on a background with the Hex color 44BAE3.

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](#).

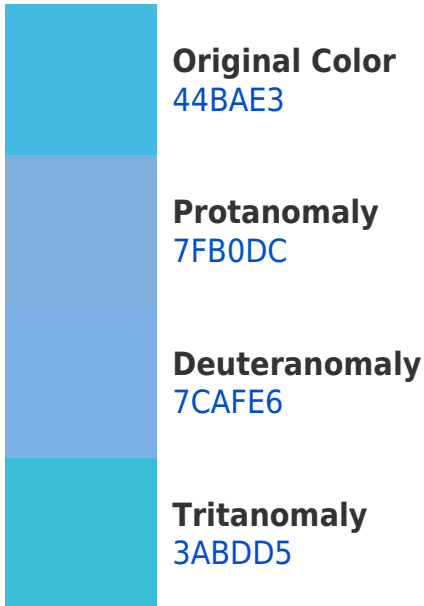
Dichromacy



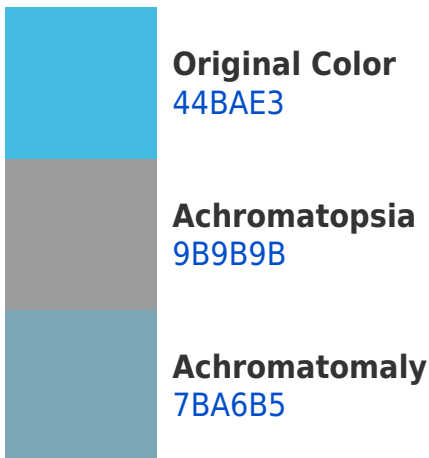


Tritanopia
35BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44BAE3 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 #44BAE3 looks like.

```
.text, #text, p{  
    color:#44BAE3  
}
```

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 #44BAE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44BAE3
}
```

Border

The CSS property to change the border of an element to Hex 44BAE3 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
#44BAE3 }
```

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

```
.border{ border-color:#44BAE3 }
```

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

Here you see how a box with a 4 pixel #44BAE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44BAE3; -webkit-box-shadow:4px 4px  
4px 4px #44BAE3; box-shadow:4px 4px 4px  
4px #44BAE3 }
```

Background

The CSS property to change the background color of an element to Hex 44BAE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44BAE3 }
```

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

```
.background{ background-color:#44BAE3 }
```

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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