

Converting Colors

Hex(43AAEC)

Have a look what the booklet for
Hex(43AAEC) contains.

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Color

Hex(43AAEC)

Conversions

Conversions Part 1

Format	Color
Hex	43AAEC
RGB	67, 170, 236
RGB Percent	26%, 67%, 93%
CMY	0.7373, 0.3333, 0.0745
CMYK	0.72, 0.28, 0.00, 0.07
HSL	203°, 82%, 59%
HSV	203°, 72%, 93%
XYZ	31.8298, 35.9989, 84.6277
YIQ	146.7270, -82.5740, -1.3100

Conversions

Conversions Part 2

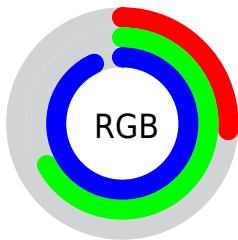
Format	Color
R _Y B	67, 131, 236
Decimal	4434668
CIE Lab	66.52, -8.47, -41.61
CIE LCh	67, 42.464, 258.497
Yxy	35.9989, 0.2088, 0.2361
Android (android.graphics.Color)	4282624748 (0xFF43AAEC)
YUV	146.7270, 44.0116, -69.9206
Hunter-Lab	59.9991, -10.3033, -41.6283

Details

The Hex color **43AAEC** 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 **EC8543**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **86E1FF**, and **0076B4** is the 20% darker color. If you saturate the color by 10%, you get **2BA1EC**, and if you desaturate by 10%, it is **5BB3EC**.

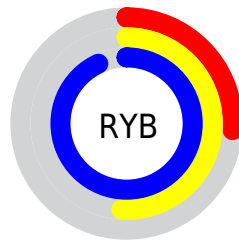
Distribution



Red (26%)

Green (67%)

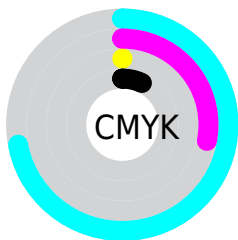
Blue (93%)



Red (26%)

Yellow (51%)

Blue (93%)

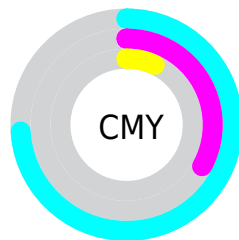


Cyan (72%)

Magenta (28%)

Yellow (0%)

Black (7%)



Cyan (74%)

Magenta (33%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 43AAEC 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 43AAEC by changing the saturation by 10% instead.

 43AAEC

 43AAEC

FFFFFF

 0B90D0

 86E1FF

 0076B4

 A5FEFF

 005E99

 C4FFFF

 00467F

 E2FFFF

 003065

 001C4D

 000536

 00021F

 000003

 43AAEC

 43AAEC

 2BA1EC

 5BB3EC

 1498EC

 72BCEC

 0090EC

 8AC6EC

 A1CFEC

 B9D8EC

 D1E1EC

 E8EBEC

 FFF4EC

 FFFDEC

Harmonies

Analogous

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



00B2DA



43AAEC



8F9DEA

Triad

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



43AAEC



EB848C



77B06E

Complementary

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



43AAEC



EC8543

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.



A2A757



43AAEC



E08D6A

Square

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



43AAEC



E284B2



C69A56



3EB591

Rectangle

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



43AAEC



B494DE



C69A56



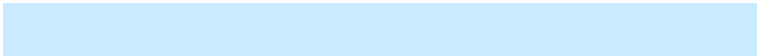
86AD64

Sweetspot

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



43AAEC



C9EAFF



43EC84



607380



000000



808080

Same Dimension

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



43AAEC



24A9FF



4357EC



6A7175



006EB5



002136

Inverse Universe

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



EC43AA



FF24A9



ECD843



756A71



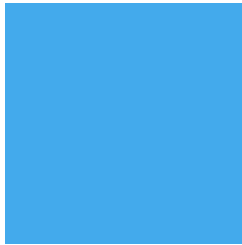
B5006E



360021

Previews

White Background



This preview shows how the Hex color 43AAEC looks on a white background.

Color Contrast Check

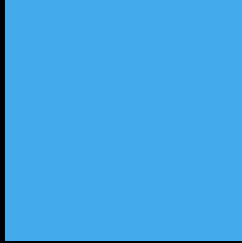
Large Text (above 18pt) WCAG AA × Fail

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 43AAEC 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

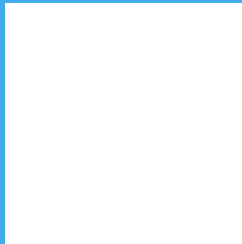
Any Text WCAG AAA ✓ Pass

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

Hex 43AAEC Background



This preview shows how black text looks on a background with the Hex color 43AAEC.

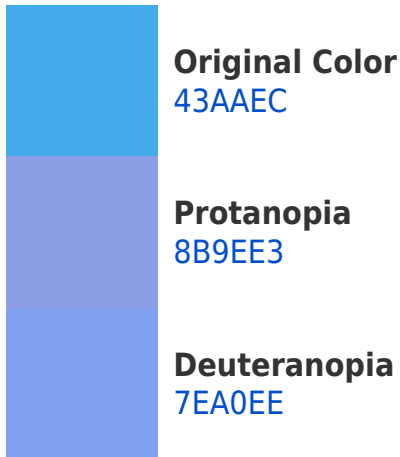


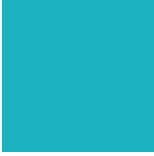
This preview shows how white text looks on a background with the Hex color 43AAEC.

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](#).

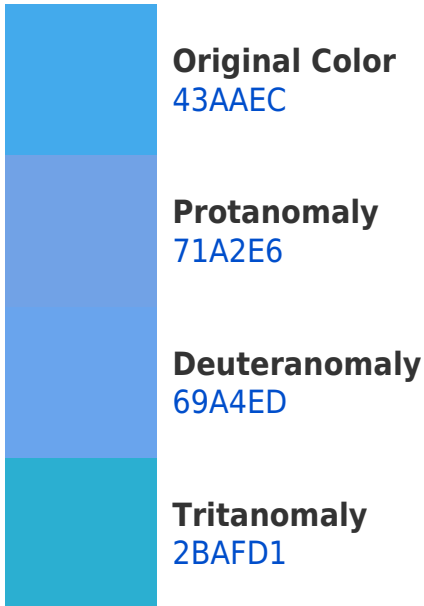
Dichromacy



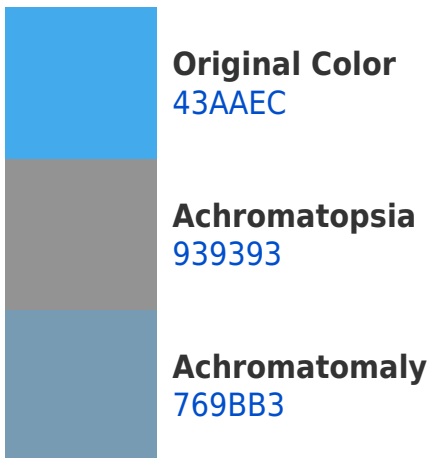


Tritanopia
1DB2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 43AAEC 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 #43AAEC looks like.

```
.text, #text, p{  
    color:#43AAEC  
}
```

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 #43AAEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43AAEC
}
```

Border

The CSS property to change the border of an element to Hex 43AAEC 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
#43AAEC }
```

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

```
.border{ border-color:#43AAEC }
```

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

Here you see how a box with a 4 pixel #43AAEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43AAEC; -webkit-box-shadow:4px 4px  
4px 4px #43AAEC; box-shadow:4px 4px 4px  
4px #43AAEC }
```

Background

The CSS property to change the background color of an element to Hex 43AAEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43AAEC }
```

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

```
.background{ background-color:#43AAEC }
```

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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