

Converting Colors

Hex(4EAECE)

Have a look what the booklet for
Hex(4EAECE) contains.

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Color

Hex(4EAECE)

Conversions

Conversions Part 1

Format	Color
Hex	4EAECE
RGB	78, 174, 206
RGB Percent	31%, 68%, 81%
CMY	0.6941, 0.3176, 0.1922
CMYK	0.62, 0.16, 0.00, 0.19
HSL	195°, 57%, 56%
HSV	195°, 62%, 81%
XYZ	29.4185, 36.3480, 63.8579
YIQ	148.9440, -67.4880, -10.4000

Conversions

Conversions Part 2

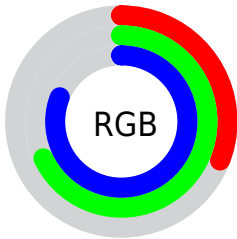
Format	Color
RYB	78, 133, 206
Decimal	5156558
CIELab	66.78, -18.61, -24.68
CIELCh	67, 30.910, 232.974
Yxy	36.3480, 0.2270, 0.2804
Android (android.graphics.Color)	4283346638 (0xFF4EAECE)
YUV	148.9440, 28.1286, -62.2179
Hunter-Lab	60.2893, -18.4063, -20.5969

Details

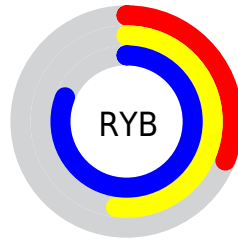
The Hex color **4EAECE** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **CE6E4E**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **8AE6FF**, and **007998** is the 20% darker color. If you saturate the color by 10%, you get **39A9CE**, and if you desaturate by 10%, it is **63B3CE**.

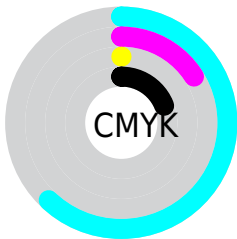
Distribution



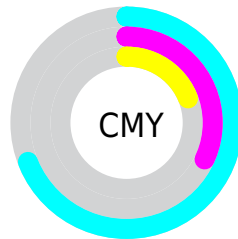
- Red (31%)
- Green (68%)
- Blue (81%)



- Red (31%)
- Yellow (52%)
- Blue (81%)



- Cyan (62%)
- Magenta (16%)
- Yellow (0%)
- Black (19%)



- Cyan (69%)
- Magenta (32%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EAECE 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 4EAECE by changing the saturation by 10% instead.

■ 4EAECE

■ 4EAECE

FFFFFF

■ 2B93B2

■ 8AE6FF

■ 007998

■ A8FFFF

■ 00617E

■ C5FFFF

■ 004965

■ E3FFFF

■ 00324C

■ 001E36

■ 000220

■ 000005

■ 000000

 4EAECE

 4EAECE

 39A9CE

 63B3CE

 25A4CE

 77B8CE

 109FCE

 8CBDCE

 009BCE

 A0C3CE

 B5C8CE

 CACDCE

 DED2CE

 F3D7CE

 FFDCCE

Harmonies

Analogous

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



46B1B7



4EAECE



73A7D9

Triad

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



4EAECE



D48EAA



A0A76F

Complementary

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



4EAECE



CE6E4E

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.



BC9E6B



4EAECE



DA8F8E

Square

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



4EAECE



C094C4



D09577



80AE80

Rectangle

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



4EAECE



90A1D8



D09577



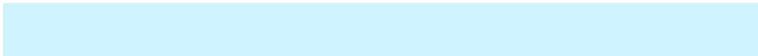
AAA56C

Sweetspot

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



4EAECE



CFF3FF



4ECE6E



627880



000000



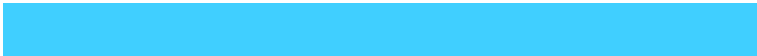
808080

Same Dimension

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



4EAECE



40CFFF



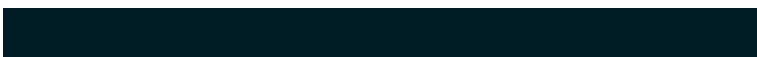
4E6ECE



5C6366



007CA6



001D26

Inverse Universe

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



CE4EAE



FF40CF



CEAE4E



665C63



A6007C



26001D

Previews

White Background



This preview shows how the Hex color 4EAECE looks on a white background.

Color Contrast Check

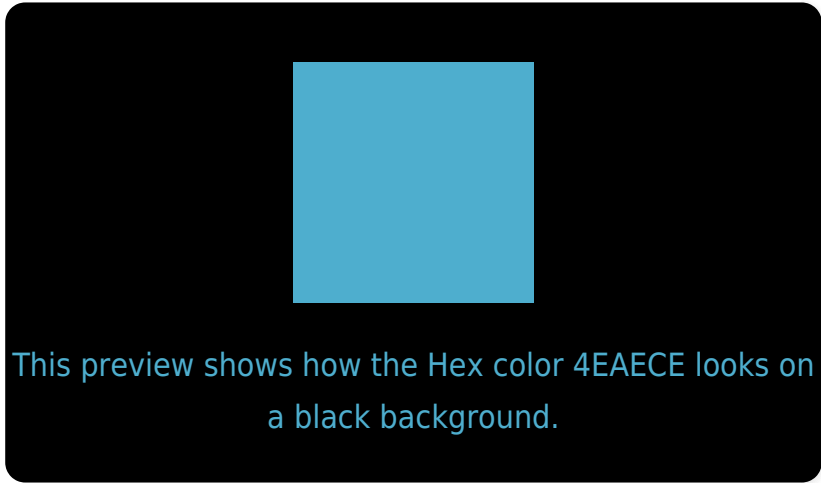
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 4EAECE Background



This preview shows how black text looks on a background with the Hex color 4EAECE.



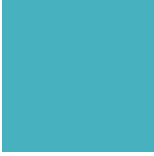
This preview shows how white text looks on a background with the Hex color 4EAECE.

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



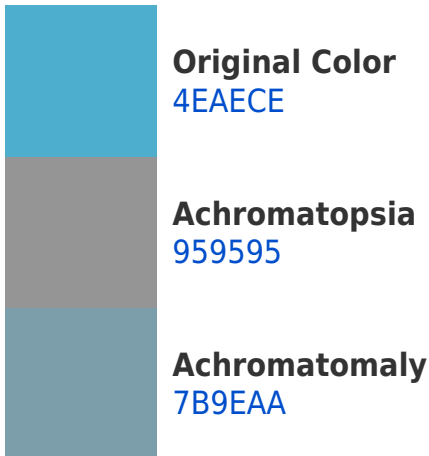


Tritanopia
47B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EAECE 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 #4EAECE looks like.

```
.text, #text, p{  
    color:#4EAECE  
}
```

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 #4EAECE colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 4EAECE 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
#4EAECE }
```

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

```
.border{ border-color:#4EAECE }
```

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

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

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

Background

The CSS property to change the background color of an element to Hex 4EAECE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EAECE }
```

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

```
.background{ background-color:#4EAECE }
```

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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