

Converting Colors

Hex(4EA0EC)

Have a look what the booklet for
Hex(4EA0EC) contains.

Hex(4EA0EC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4EA0EC)

Conversions

Conversions Part 1

Format	Color
Hex	4EA0EC
RGB	78, 160, 236
RGB Percent	31%, 63%, 93%
CMY	0.6941, 0.3725, 0.0745
CMYK	0.67, 0.32, 0.00, 0.07
HSL	209°, 81%, 62%
HSV	209°, 67%, 93%
XYZ	30.8530, 32.8174, 84.0652
YIQ	144.1460, -73.2680, 6.2520

Conversions

Conversions Part 2

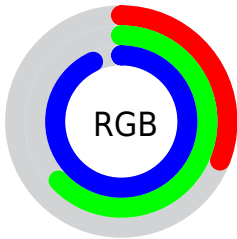
Format	Color
RYB	78, 132, 236
Decimal	5153004
CIELab	64.01, -1.25, -45.52
CIELCh	64, 45.541, 268.422
Yxy	32.8174, 0.2088, 0.2221
Android (android.graphics.Color)	4283343084 (0xFF4EA0EC)
YUV	144.1460, 45.2840, -58.0100
Hunter-Lab	57.2865, -4.1160, -46.9046

Details

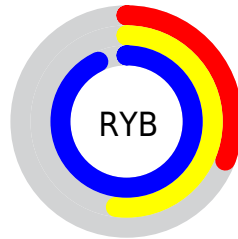
The Hex color **4EA0EC** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **EC9A4E**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **8ED6FF**, and **006DB4** is the 20% darker color. If you saturate the color by 10%, you get **3695EC**, and if you desaturate by 10%, it is **66ABEC**.

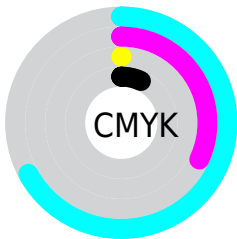
Distribution



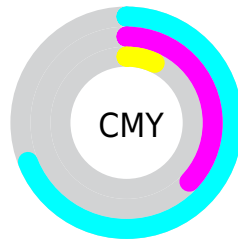
- Red (31%)
- Green (63%)
- Blue (93%)



- Red (31%)
- Yellow (52%)
- Blue (93%)



- Cyan (67%)
- Magenta (32%)
- Yellow (0%)
- Black (7%)



- Cyan (69%)
- Magenta (37%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EA0EC 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 4EA0EC by changing the saturation by 10% instead.

 4EA0EC

 4EA0EC


FFFFFF

 2686D0

 8ED6FF

 006DB4

 ACF3FF

 005599

 CAFFFF

 003E7E

 E9FFFF

 002965

 00154C

 000535

 00021F

 000002

■ 4EA0EC

■ 4EA0EC

■ 3695EC

■ 66ABEC

■ 1F89EC

■ 7DB7EC

■ 077EEC

■ 95C2EC

■ 007AEC

■ ACCDEC

■ C4D9EC

■ DCE4EC

■ F3EFEC

■ FFFBEC

■ FFFFEC

Harmonies

Analogous

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



00AADF



4EA0EC



9B91E3

Triad

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



4EA0EC



E67D77



5AAC6F

Complementary

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



4EA0EC



EC9A4E

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.



8CA451



4EA0EC



D58957

Square

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



4EA0EC



E4799F



B59848



00B098

Rectangle

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



4EA0EC



BE87D1



B59848



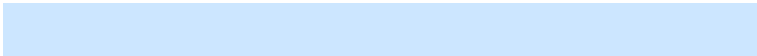
6CAA63

Sweetspot

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



4EA0EC



CCE6FF



4EEC98



617180



000000



808080

Same Dimension

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



4EA0EC



339DFF



4E53EC



6A7075



005EB5



001C36

Inverse Universe

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



EC4EA0



FF339D



ECE74E



756A70



B5005E



36001C

Previews

White Background



This preview shows how the Hex color 4EA0EC looks on a white background.

Color Contrast Check

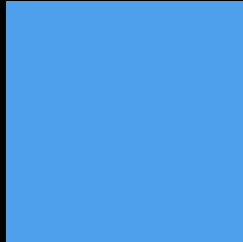
Large Text (above 18pt) WCAG AA × Fail

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 4EA0EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

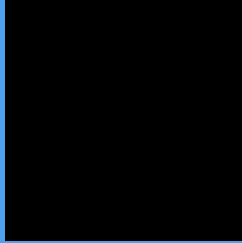
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

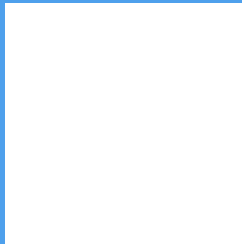
Any Text WCAG AAA ✓ Pass

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

Hex 4EA0EC Background



This preview shows how black text looks on a background with the Hex color 4EA0EC.

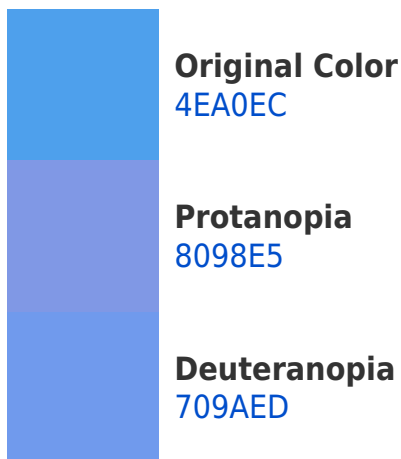


This preview shows how white text looks on a background with the Hex color 4EA0EC.

Color Blindness Simulation

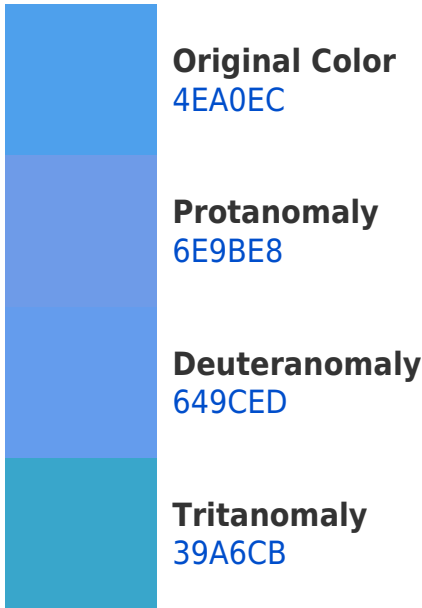
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

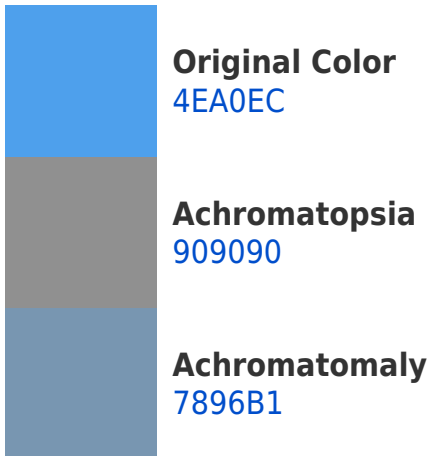




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EA0EC 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 #4EA0EC looks like.

```
.text, #text, p{  
    color:#4EA0EC  
}
```

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 #4EA0EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EA0EC
}
```

Border

The CSS property to change the border of an element to Hex 4EA0EC 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
#4EA0EC }
```

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

```
.border{ border-color:#4EA0EC }
```

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

Here you see how a box with a 4 pixel #4EA0EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EA0EC; -webkit-box-shadow:4px 4px  
4px 4px #4EA0EC; box-shadow:4px 4px 4px  
4px #4EA0EC }
```

Background

The CSS property to change the background color of an element to Hex 4EA0EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EA0EC }
```

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

```
.background{ background-color:#4EA0EC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor