

Converting Colors

Hex(4CA3E5)

Have a look what the booklet for
Hex(4CA3E5) contains.

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Color

Hex(4CA3E5)

Conversions

Conversions Part 1

Format	Color
Hex	4CA3E5
RGB	76, 163, 229
RGB Percent	30%, 64%, 90%
CMY	0.7020, 0.3608, 0.1020
CMYK	0.67, 0.29, 0.00, 0.10
HSL	206°, 75%, 60%
HSV	206°, 67%, 90%
XYZ	30.2205, 33.3880, 78.9805
YIQ	144.5110, -73.0380, 2.0820

Conversions

Conversions Part 2

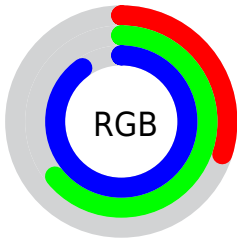
Format	Color
RYB	76, 131, 229
Decimal	5022693
CIELab	64.47, -5.61, -40.95
CIELCh	64, 41.335, 262.206
Yxy	33.3880, 0.2119, 0.2342
Android (android.graphics.Color)	4283212773 (0xFF4CA3E5)
YUV	144.5110, 41.6531, -60.0841
Hunter-Lab	57.7824, -7.7625, -40.5935

Details

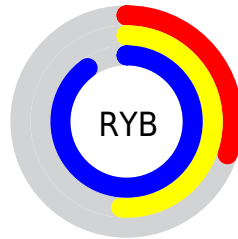
The Hex color **4CA3E5** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **E58E4C**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **8BDAFF**, and **0070AD** is the 20% darker color. If you saturate the color by 10%, you get **3599E5**, and if you desaturate by 10%, it is **63ADE5**.

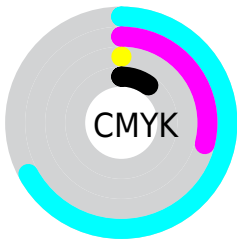
Distribution



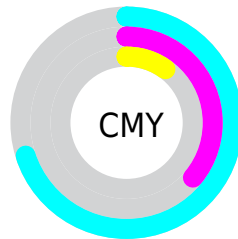
- Red (30%)
- Green (64%)
- Blue (90%)



- Red (30%)
- Yellow (51%)
- Blue (90%)



- Cyan (67%)
- Magenta (29%)
- Yellow (0%)
- Black (10%)



- Cyan (70%)
- Magenta (36%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CA3E5 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 4CA3E5 by changing the saturation by 10% instead.

■ 4CA3E5

■ 4CA3E5

FFFFFF

■ 2489C9

■ 8BDAFF

■ 0070AD

■ A9F6FF

■ 005792

■ C8FFFF

■ 004078

■ E6FFFF

■ 002B5F

■ 001747

■ 000430

■ 00011A

■ 000000

■ 4CA3E5

■ 4CA3E5

■ 3599E5

■ 63ADE5

■ 1E8FE5

■ 7AB7E5

■ 0785E5

■ 91C1E5

■ 0082E5

■ A8CBE5

■ BED4E5

■ D5DEE5

■ ECE8E5

■ FFF2E5

■ FFFCE5

Harmonies

Analogous

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



00ABD6



4CA3E5



9196E1

Triad

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



4CA3E5



E38082



6DAB6E

Complementary

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



4CA3E5



E58E4C

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.



98A356



4CA3E5



D78A63

Square

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



4CA3E5



DD7FA8



BC9752



32AF91

Rectangle

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



4CA3E5



B38DD3



BC9752



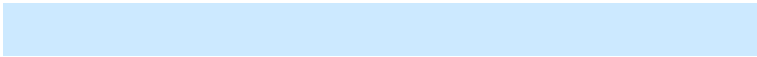
7CA864

Sweetspot

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



4CA3E5



CCE9FF



4CE58C



617280



000000



808080

Same Dimension

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



4CA3E5



33A7FF



4C59E5



676E73



0065B3



001D33

Inverse Universe

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



E54CA3



FF33A7



E5D84C



73676E



B30065



33001D

Previews

White Background



This preview shows how the Hex color 4CA3E5 looks on a white background.

Color Contrast Check

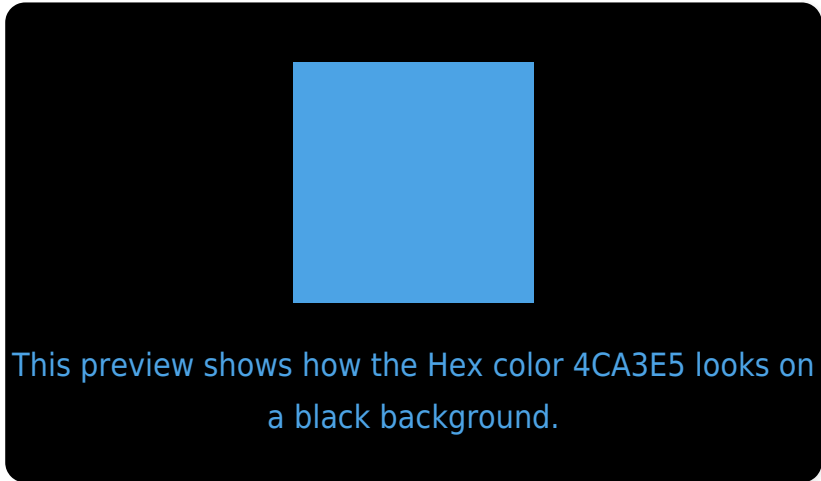
Large Text (above 18pt) WCAG AA × Fail

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

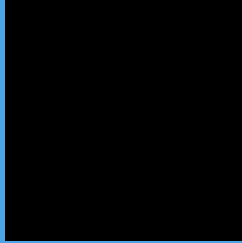
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

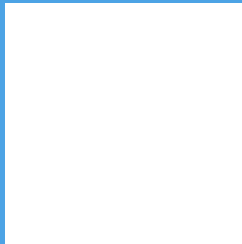
Any Text WCAG AAA ✓ Pass

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

Hex 4CA3E5 Background



This preview shows how black text looks on a background with the Hex color 4CA3E5.

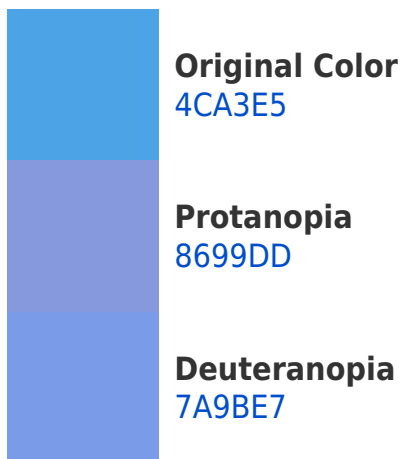


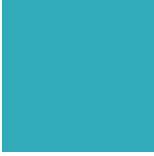
This preview shows how white text looks on a background with the Hex color 4CA3E5.

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](#).

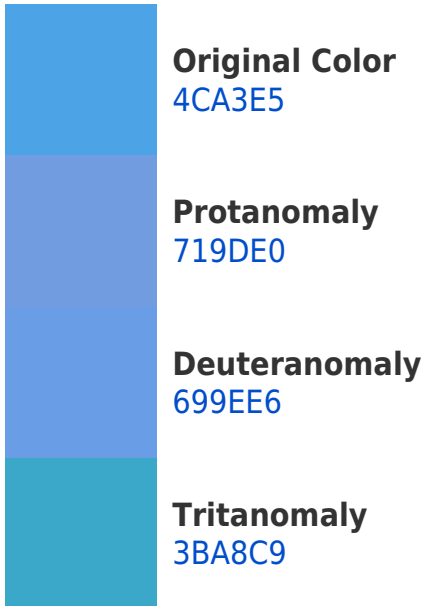
Dichromacy



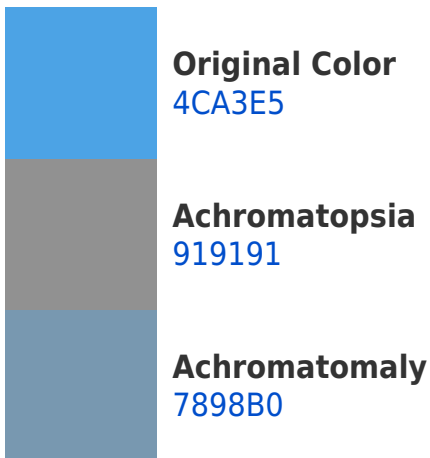


Tritanopia
31ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CA3E5 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 #4CA3E5 looks like.

```
.text, #text, p{  
    color:#4CA3E5  
}
```

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 #4CA3E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CA3E5
}
```

Border

The CSS property to change the border of an element to Hex 4CA3E5 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
#4CA3E5 }
```

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

```
.border{ border-color:#4CA3E5 }
```

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

Here you see how a box with a 4 pixel #4CA3E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CA3E5; -webkit-box-shadow:4px 4px  
4px 4px #4CA3E5; box-shadow:4px 4px 4px  
4px #4CA3E5 }
```

Background

The CSS property to change the background color of an element to Hex 4CA3E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CA3E5 }
```

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

```
.background{ background-color:#4CA3E5 }
```

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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