

Converting Colors

Hex(4E9EE5)

Have a look what the booklet for
Hex(4E9EE5) contains.

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Color

Hex(4E9EE5)

Conversions

Conversions Part 1

Format	Color
Hex	4E9EE5
RGB	78, 158, 229
RGB Percent	31%, 62%, 90%
CMY	0.6941, 0.3804, 0.1020
CMYK	0.66, 0.31, 0.00, 0.10
HSL	208°, 74%, 60%
HSV	208°, 66%, 90%
XYZ	29.5116, 31.7306, 78.6979
YIQ	142.1740, -70.4710, 5.1210

Conversions

Conversions Part 2

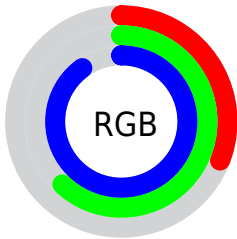
Format	Color
R _Y B	78, 130, 229
Decimal	5152485
CIE Lab	63.12, -2.46, -43.07
CIE LCh	63, 43.143, 266.734
Yxy	31.7306, 0.2109, 0.2267
Android (android.graphics.Color)	4283342565 (0xFF4E9EE5)
YUV	142.1740, 42.8052, -56.2806
Hunter-Lab	56.3299, -5.0600, -43.4025

Details

The Hex color **4E9EE5** 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 **E5954E**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **8DD4FF**, and **006BAD** is the 20% darker color. If you saturate the color by 10%, you get **3793E5**, and if you desaturate by 10%, it is **65A9E5**.

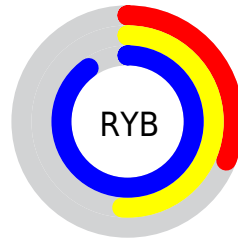
Distribution



Red (31%)

Green (62%)

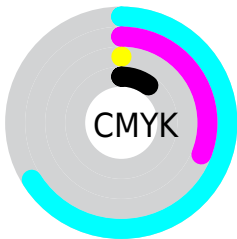
Blue (90%)



Red (31%)

Yellow (51%)

Blue (90%)

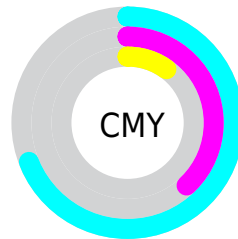


Cyan (66%)

Magenta (31%)

Yellow (0%)

Black (10%)



Cyan (69%)

Magenta (38%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E9EE5 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 4E9EE5 by changing the saturation by 10% instead.

■ 4E9EE5

■ 4E9EE5

FFFFFF

■ 2784C9

■ 8DD4FF

■ 006BAD

■ ABF1FF

■ 005392

■ C9FFFF

■ 003C78

■ E7FFFF

■ 00275F

■ 001347

■ 000430

■ 00011A

■ 000000

■ 4E9EE5

■ 4E9EE5

■ 3793E5

■ 65A9E5

■ 2088E5

■ 7CB4E5

■ 097EE5

■ 93BEE5

■ 0079E5

■ AAC9E5

■ C1D4E5

■ D7DFE5

■ EEE9E5

■ FFF4E5

■ FFFF5

Harmonies

Analogous

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



00A7D8



4E9EE5



9590DD

Triad

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



4E9EE5



E17C78



5FA96D

Complementary

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



4E9EE5



E5954E

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.



8DA152



4E9EE5



D1875A

Square

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



4E9EE5



DE799F



B4954B



03AC93

Rectangle

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



4E9EE5



B787CE



B4954B



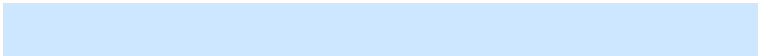
70A662

Sweetspot

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



4E9EE5



CCE7FF



4EE594



617180



000000



808080

Same Dimension

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



4E9EE5



36A0FF



4E53E5



676D73



005FB3



001B33

Inverse Universe

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



E54E9E



FF36A0



E5E04E



73676D



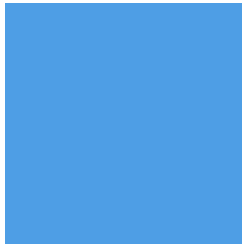
B3005F



33001B

Previews

White Background



This preview shows how the Hex color 4E9EE5 looks on a white background.

Color Contrast Check

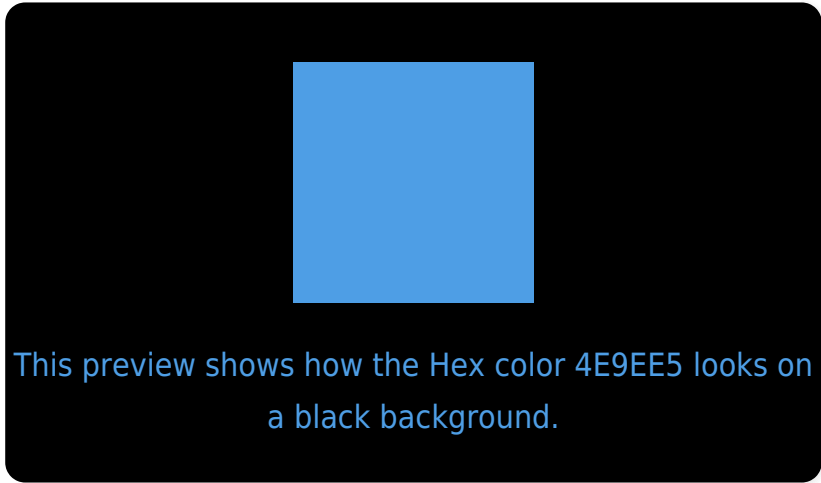
Large Text (above 18pt) WCAG AA × Fail

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

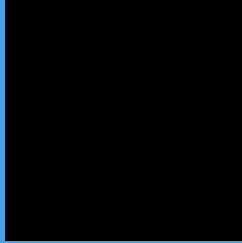
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

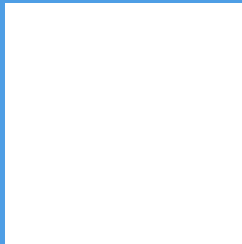
Any Text WCAG AAA ✓ Pass

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

Hex 4E9EE5 Background



This preview shows how black text looks on a background with the Hex color 4E9EE5.

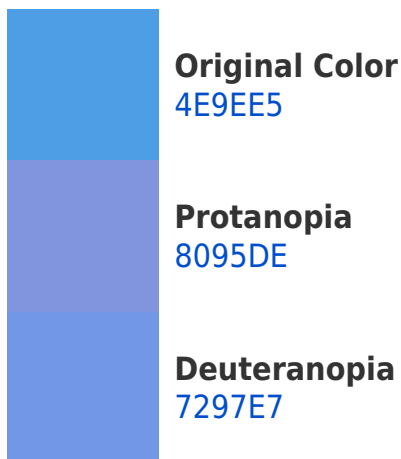


This preview shows how white text looks on a background with the Hex color 4E9EE5.

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](#).

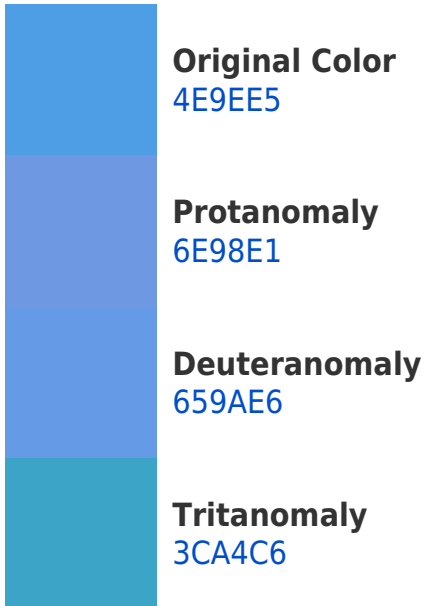
Dichromacy





Tritanopia
32A7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E9EE5 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 #4E9EE5 looks like.

```
.text, #text, p{  
    color:#4E9EE5  
}
```

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 #4E9EE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E9EE5
}
```

Border

The CSS property to change the border of an element to Hex 4E9EE5 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
#4E9EE5 }
```

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

```
.border{ border-color:#4E9EE5 }
```

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

Here you see how a box with a 4 pixel #4E9EE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E9EE5; -webkit-box-shadow:4px 4px  
4px 4px #4E9EE5; box-shadow:4px 4px 4px  
4px #4E9EE5 }
```

Background

The CSS property to change the background color of an element to Hex 4E9EE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E9EE5 }
```

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

```
.background{ background-color:#4E9EE5 }
```

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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