

Converting Colors

Hex(4E96E2)

Have a look what the booklet for
Hex(4E96E2) contains.

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Color

Hex(4E96E2)

Conversions

Conversions Part 1

Format	Color
Hex	4E96E2
RGB	78, 150, 226
RGB Percent	31%, 59%, 89%
CMY	0.6941, 0.4118, 0.1137
CMYK	0.65, 0.34, 0.00, 0.11
HSL	211°, 72%, 60%
HSV	211°, 65%, 89%
XYZ	27.7757, 28.9234, 76.0703
YIQ	137.1360, -67.3080, 8.3720

Conversions

Conversions Part 2

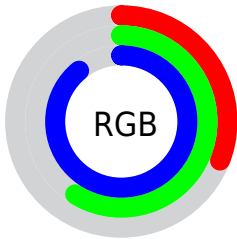
Format	Color
R_{YB}	78, 126, 226
Decimal	5150434
CIE _{Lab}	60.71, 1.14, -45.20
CIE _{LCh}	61, 45.215, 271.443
Yxy	28.9234, 0.2092, 0.2178
Android (android.graphics.Color)	4283340514 (0xFF4E96E2)
YUV	137.1360, 43.8100, -51.8623
Hunter-Lab	53.7805, -1.9269, -46.2170

Details

The Hex color **4E96E2** 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 **E29A4E**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **8CCCCF**, and **0064AA** is the 20% darker color. If you saturate the color by 10%, you get **378AE2**, and if you desaturate by 10%, it is **65A2E2**.

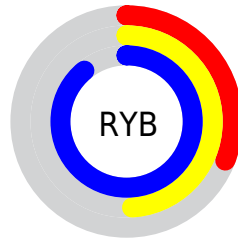
Distribution



Red (31%)

Green (59%)

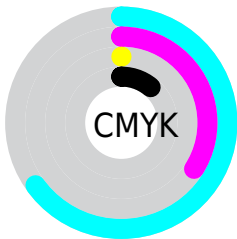
Blue (89%)



Red (31%)

Yellow (49%)

Blue (89%)

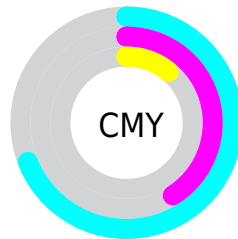


Cyan (65%)

Magenta (34%)

Yellow (0%)

Black (11%)



Cyan (69%)

Magenta (41%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E96E2 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 4E96E2 by changing the saturation by 10% instead.

■ 4E96E2

■ 4E96E2

FFFFFF

■ 287CC6

■ 8CCCCF

■ 0064AA

■ AAE8FF

■ 004C8F

■ C8FFFF

■ 003675

■ E6FFFF

■ 00225C

■ 000944

■ 00032D

■ 000117

■ 000000

■ 4E96E2

■ 4E96E2

■ 378AE2

■ 65A2E2

■ 217FE2

■ 7BADE2

■ 0A73E2

■ 92B9E2

■ 006EE2

■ A8C4E2

■ BFD0E2

■ D6DCE2

■ ECE7E2

■ FFF3E2

■ FFFEE2

Harmonies

Analogous

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



00A0D8



4E96E2



9887D7

Triad

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



4E96E2



DB756B



4BA46B

Complementary

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



4E96E2



E29A4E

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.



7F9C4C



4E96E2



C8824D

Square

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



4E96E2



DB7192



A89140



00A793

Rectangle

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



4E96E2



B97DC5



A89140



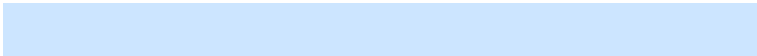
5FA25F

Sweetspot

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



4E96E2



CCE5FF



4EE298



617080



000000



808080

Same Dimension

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



4E96E2



3698FF



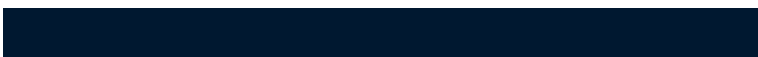
4E4EE2



656A70



0056B0



001830

Inverse Universe

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



E24E96



FF3698



E2E24E



70656A



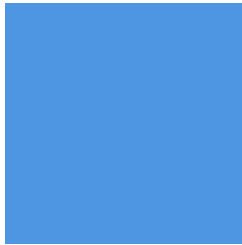
B00056



300018

Previews

White Background



This preview shows how the Hex color 4E96E2 looks on a white background.

Color Contrast Check

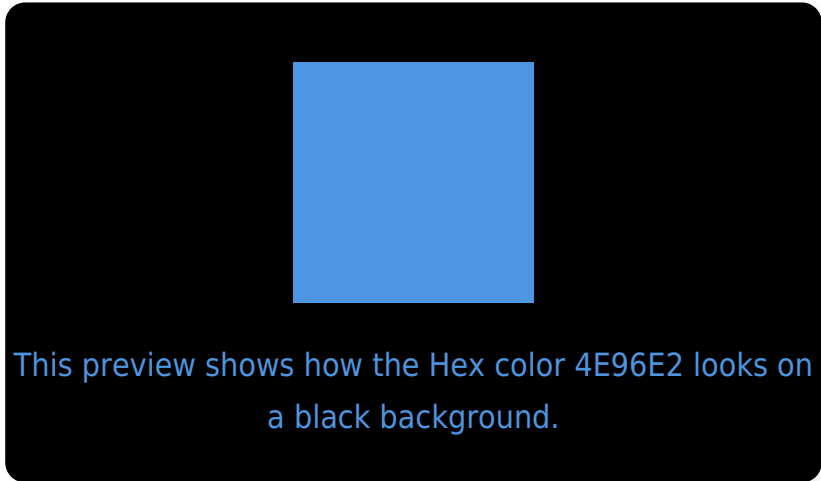
Large Text (above 18pt) WCAG AA ✓ Pass

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

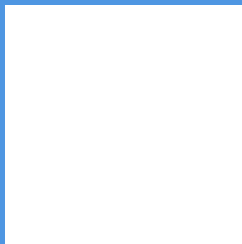
Any Text WCAG AAA × Fail

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

Hex 4E96E2 Background



This preview shows how black text looks on a background with the Hex color 4E96E2.

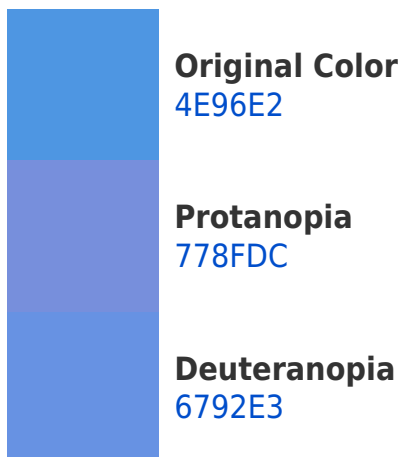


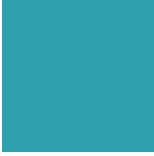
This preview shows how white text looks on a background with the Hex color 4E96E2.

Color Blindness Simulation

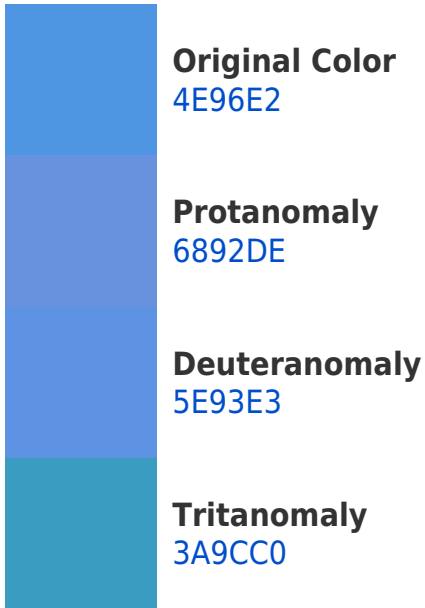
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E96E2 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 #4E96E2 looks like.

```
.text, #text, p{  
    color:#4E96E2  
}
```

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 #4E96E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E96E2
}
```

Border

The CSS property to change the border of an element to Hex 4E96E2 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
#4E96E2 }
```

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

```
.border{ border-color:#4E96E2 }
```

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

Here you see how a box with a 4 pixel #4E96E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E96E2; -webkit-box-shadow:4px 4px  
4px 4px #4E96E2; box-shadow:4px 4px 4px  
4px #4E96E2 }
```

Background

The CSS property to change the background color of an element to Hex 4E96E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E96E2 }
```

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

```
.background{ background-color:#4E96E2 }
```

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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