

Converting Colors

Hex(4E92EA)

Have a look what the booklet for
Hex(4E92EA) contains.

Hex(4E92EA)	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(4E92EA)

Conversions

Conversions Part 1

Format	Color
Hex	4E92EA
RGB	78, 146, 234
RGB Percent	31%, 57%, 92%
CMY	0.6941, 0.4275, 0.0824
CMYK	0.67, 0.38, 0.00, 0.08
HSL	214°, 79%, 61%
HSV	214°, 67%, 92%
XYZ	28.2721, 28.1180, 81.7791
YIQ	135.7000, -68.7760, 12.9520

Conversions

Conversions Part 2

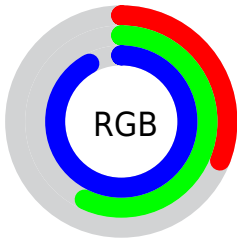
Format	Color
R _Y B	78, 125, 234
Decimal	5149418
CIE Lab	60.00, 6.20, -50.77
CIE LCh	60, 51.150, 276.963
Yxy	28.1180, 0.2046, 0.2035
Android (android.graphics.Color)	4283339498 (0xFF4E92EA)
YUV	135.7000, 48.4619, -50.6029
Hunter-Lab	53.0264, 2.3746, -54.3206

Details

The Hex color **4E92EA** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **EAA64E**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **8DC8FF**, and **0060B2** is the 20% darker color. If you saturate the color by 10%, you get **3785EA**, and if you desaturate by 10%, it is **659FEA**.

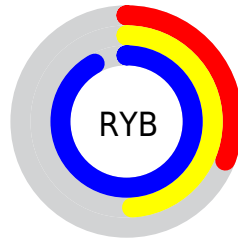
Distribution



Red (31%)

Green (57%)

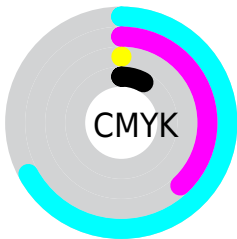
Blue (92%)



Red (31%)

Yellow (49%)

Blue (92%)

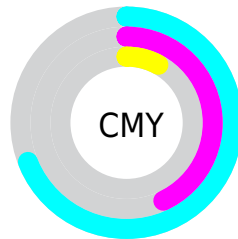


Cyan (67%)

Magenta (38%)

Yellow (0%)

Black (8%)



Cyan (69%)

Magenta (43%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E92EA 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 4E92EA by changing the saturation by 10% instead.

 4E92EA

 4E92EA

FFFFFF

 2679CE

 8DC8FF

 0060B2

 ACE3FF

 004997

 CAFFFF

 00337C

 E8FFFF

 001F63

 00044A

 000433

 00021D

 000000

■ 4E92EA

■ 4E92EA

■ 3785EA

■ 659FEA

■ 1F78EA

■ 7DACEA

■ 086AEA

■ 94BAEA

■ 0066EA

■ ACC7EA

■ C3D4EA

■ DAE1EA

■ F2EEEA

■ FFFCEA

■ FFFFEA

Harmonies

Analogous

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



009FE3



4E92EA



A180D9

Triad

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



4E92EA



DE715D



25A46C

Complementary

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



4E92EA



EAA64E

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.



709D45



4E92EA



C6823C

Square

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



4E92EA



E36888



A09231



00A79A

Rectangle

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



4E92EA



C374C2



A09231



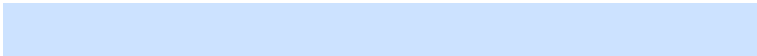
46A25D

Sweetspot

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



4E92EA



CCE2FF



4EEAA4



616E80



000000



808080

Same Dimension

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



4E92EA



338CFF



564EEA



6A6F75



004FB5



001736

Inverse Universe

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



EA4E92



FF338C



E2EA4E



756A6F



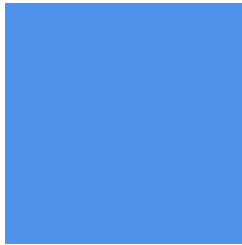
B5004F



360017

Previews

White Background



This preview shows how the Hex color 4E92EA looks on a white background.

Color Contrast Check

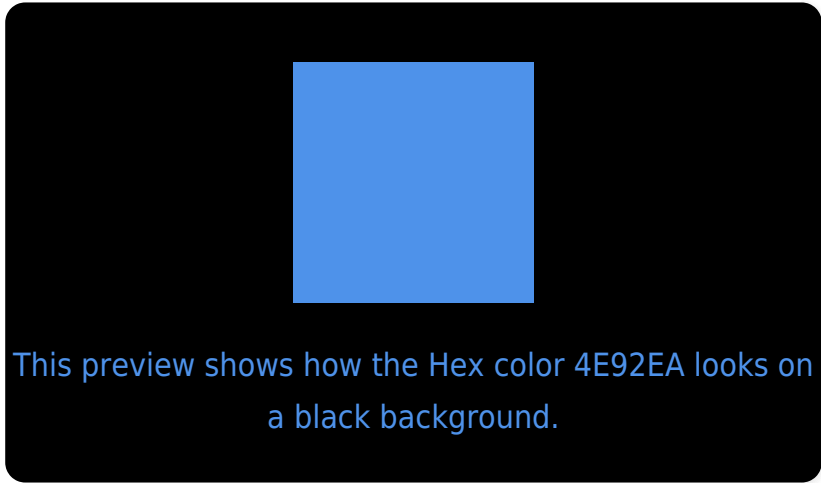
Large Text (above 18pt) WCAG AA ✓ Pass

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

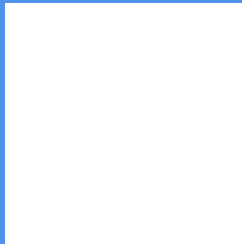
Any Text WCAG AAA × Fail

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

Hex 4E92EA Background



This preview shows how black text looks on a background with the Hex color 4E92EA.



This preview shows how white text looks on a background with the Hex color 4E92EA.

Color Blindness Simulation

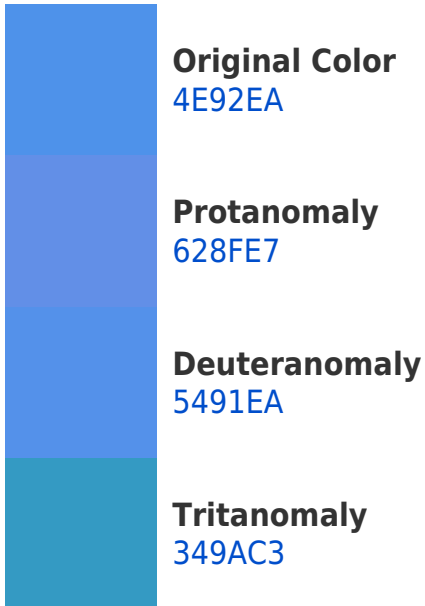
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

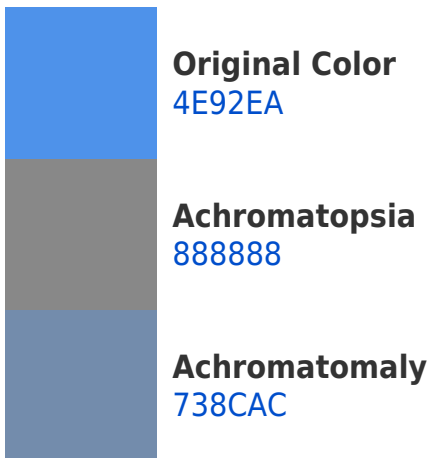




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E92EA 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 #4E92EA looks like.

```
.text, #text, p{  
    color:#4E92EA  
}
```

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 #4E92EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E92EA
}
```

Border

The CSS property to change the border of an element to Hex 4E92EA 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
#4E92EA }
```

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

```
.border{ border-color:#4E92EA }
```

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

Here you see how a box with a 4 pixel #4E92EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E92EA; -webkit-box-shadow:4px 4px  
4px 4px #4E92EA; box-shadow:4px 4px 4px  
4px #4E92EA }
```

Background

The CSS property to change the background color of an element to Hex 4E92EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E92EA }
```

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

```
.background{ background-color:#4E92EA }
```

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