

Converting Colors

Hex(4A90E8)

Have a look what the booklet for
Hex(4A90E8) contains.

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Color

Hex(4A90E8)

Conversions

Conversions Part 1

Format	Color
Hex	4A90E8
RGB	74, 144, 232
RGB Percent	29%, 56%, 91%
CMY	0.7098, 0.4353, 0.0902
CMYK	0.68, 0.38, 0.00, 0.09
HSL	213°, 77%, 60%
HSV	213°, 68%, 91%
XYZ	27.3628, 27.2286, 80.1574
YIQ	133.1020, -69.9680, 12.5280

Conversions

Conversions Part 2

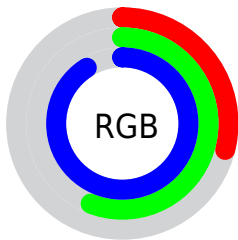
Format	Color
R_{YB}	74, 123, 232
Decimal	4886760
CIE Lab	59.19, 6.07, -50.96
CIE LCh	59, 51.320, 276.798
Yxy	27.2286, 0.2031, 0.2021
Android (android.graphics.Color)	4283076840 (0xFF4A90E8)
YUV	133.1020, 48.7567, -51.8325
Hunter-Lab	52.1810, 2.2855, -54.5511

Details

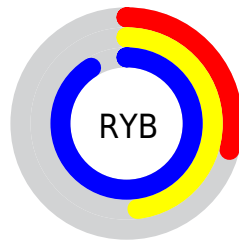
The Hex color **4A90E8** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **E8A24A**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **8AC5FF**, and **005EB0** is the 20% darker color. If you saturate the color by 10%, you get **3383E8**, and if you desaturate by 10%, it is **619DE8**.

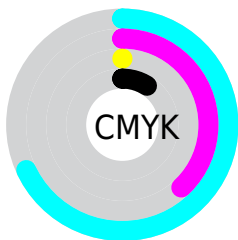
Distribution



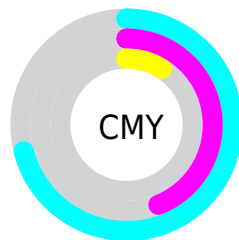
- Red (29%)
- Green (56%)
- Blue (91%)



- Red (29%)
- Yellow (48%)
- Blue (91%)



- Cyan (68%)
- Magenta (38%)
- Yellow (0%)
- Black (9%)



- Cyan (71%)
- Magenta (44%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A90E8 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 4A90E8 by changing the saturation by 10% instead.

■ 4A90E8

■ 4A90E8

FFFFFF

■ 2077CC

■ 8AC5FF

■ 005EB0

■ A8E1FF

■ 004795

■ C7FEFF

■ 00317A

■ E5FFFF

■ 001E61

■ 000749

■ 000431

■ 00011B

■ 000000

■ 4A90E8

■ 4A90E8

■ 3383E8

■ 619DE8

■ 1C76E8

■ 78AAE8

■ 0469E8

■ 90B7E8

■ 0067E8

■ A7C4E8

■ BED1E8

■ D5DEE8

■ ECEAE8

■ FFF7E8

■ FFFF8

Harmonies

Analogous

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



009DE1



4A90E8



9F7ED7

Triad

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



4A90E8



DC6F5B



22A269

Complementary

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



4A90E8



E8A24A

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.



6E9B42



4A90E8



C47F3A

Square

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



4A90E8



E16686



9E8F2F



00A598

Rectangle

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



4A90E8



C172C0



9E8F2F



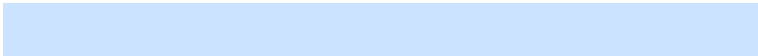
44A05B

Sweetspot

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



4A90E8



CCE3FF



4AE8A1



616E80



000000



808080

Same Dimension

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



4A90E8



2E8BFF



524AE8



676C73



004FB3



001733

Inverse Universe

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



E84A90



FF2E8B



E0E84A



73676C



B3004F



330017

Previews

White Background



This preview shows how the Hex color 4A90E8 looks on a white background.

Color Contrast Check

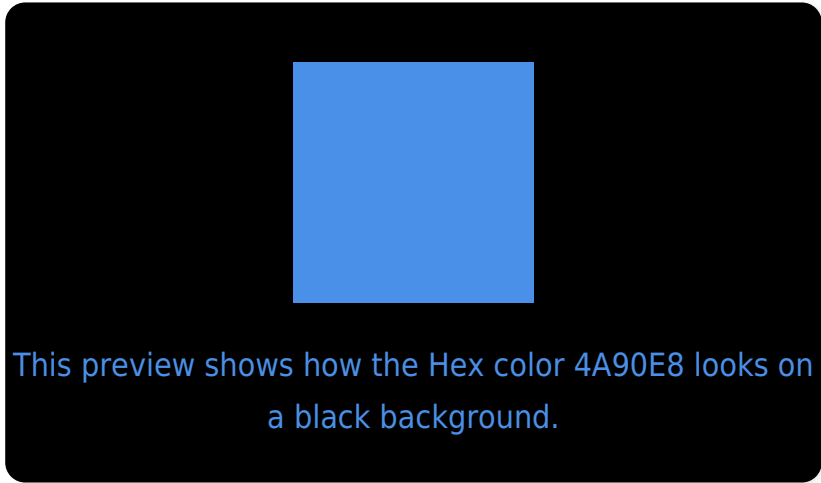
Large Text (above 18pt) WCAG AA ✓ Pass

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

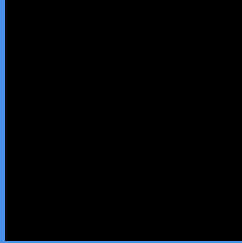
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

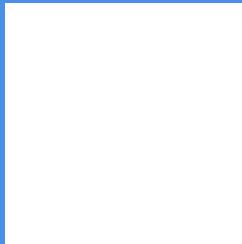
Any Text WCAG AAA × Fail

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

Hex 4A90E8 Background



This preview shows how black text looks on a background with the Hex color 4A90E8.



This preview shows how white text looks on a background with the Hex color 4A90E8.

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](#).

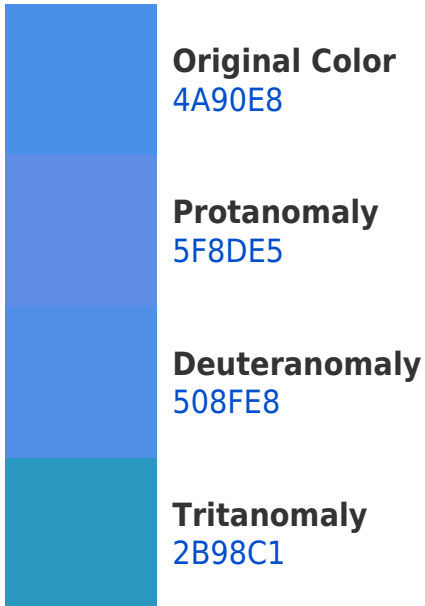
Dichromacy





Tritanopia
1A9DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A90E8 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 #4A90E8 looks like.

```
.text, #text, p{  
    color:#4A90E8  
}
```

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 #4A90E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A90E8
}
```

Border

The CSS property to change the border of an element to Hex 4A90E8 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
#4A90E8 }
```

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

```
.border{ border-color:#4A90E8 }
```

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

Here you see how a box with a 4 pixel #4A90E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A90E8; -webkit-box-shadow:4px 4px  
4px 4px #4A90E8; box-shadow:4px 4px 4px  
4px #4A90E8 }
```

Background

The CSS property to change the background color of an element to Hex 4A90E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A90E8 }
```

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

```
.background{ background-color:#4A90E8 }
```

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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