

Converting Colors

Hex(48A5E5)

Have a look what the booklet for
Hex(48A5E5) contains.

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Color

Hex(48A5E5)

Conversions

Conversions Part 1

Format	Color
Hex	48A5E5
RGB	72, 165, 229
RGB Percent	28%, 65%, 90%
CMY	0.7176, 0.3529, 0.1020
CMYK	0.69, 0.28, 0.00, 0.10
HSL	204°, 75%, 59%
HSV	204°, 69%, 90%
XYZ	30.2705, 33.9451, 79.0854
YIQ	144.4890, -75.9720, 0.1880

Conversions

Conversions Part 2

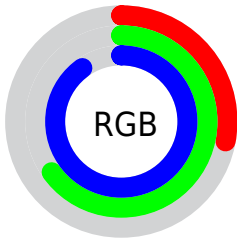
Format	Color
RYB	72, 130, 229
Decimal	4761061
CIELab	64.92, -7.34, -40.26
CIELCh	65, 40.928, 259.674
Yxy	33.9451, 0.2112, 0.2369
Android (android.graphics.Color)	4282951141 (0xFF48A5E5)
YUV	144.4890, 41.6639, -63.5729
Hunter-Lab	58.2624, -9.2189, -39.6965

Details

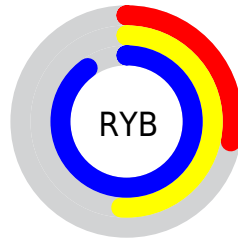
The Hex color **48A5E5** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **E58848**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **88DCFF**, and **0071AD** is the 20% darker color. If you saturate the color by 10%, you get **319CE5**, and if you desaturate by 10%, it is **5FAEE5**.

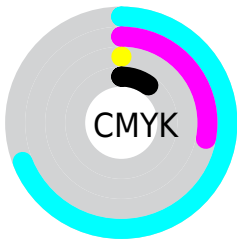
Distribution



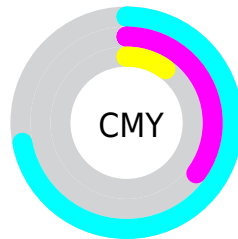
- Red (28%)
- Green (65%)
- Blue (90%)



- Red (28%)
- Yellow (51%)
- Blue (90%)



- Cyan (69%)
- Magenta (28%)
- Yellow (0%)
- Black (10%)



- Cyan (72%)
- Magenta (35%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48A5E5 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 48A5E5 by changing the saturation by 10% instead.

■ 48A5E5

■ 48A5E5

FFFFFF

■ 1C8BC9

■ 88DCFF

■ 0071AD

■ A7F8FF

■ 005992

■ C5FFFF

■ 004278

■ E3FFFF

■ 002C5F

■ 001947

■ 000430

■ 00011A

■ 000000

 48A5E5

 48A5E5

 319CE5

 5FAEE5

 1A92E5

 76B8E5

 0389E5

 8DC1E5

 0088E5

 A4CAE5

 BBD4E5

 D1DDE5

 E8E6E5

 FFF0E5

 FFF9E5

Harmonies

Analogous

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



00ADD4



48A5E5



8E99E2

Triad

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



48A5E5



E48187



72AB6D

Complementary

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



48A5E5



E58848

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.



9CA357



48A5E5



D98A67

Square

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



48A5E5



DC81AC



C09755



3CB08F

Rectangle

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



48A5E5



B18FD6



C09755



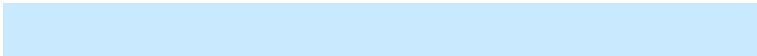
81A964

Sweetspot

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



48A5E5



C9E9FF



48E587



607380



000000



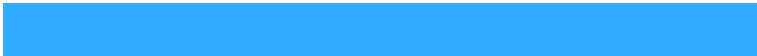
808080

Same Dimension

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



48A5E5



2EAAFF



4858E5



676E73



006AB3



001E33

Inverse Universe

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



E548A5



FF2EAA



E5D548



73676E



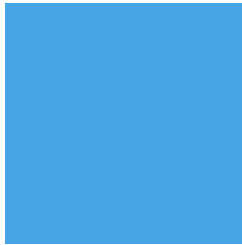
B3006A



33001E

Previews

White Background



This preview shows how the Hex color 48A5E5 looks on a white background.

Color Contrast Check

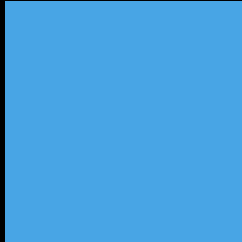
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 48A5E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

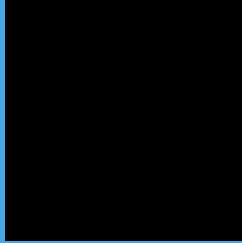
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

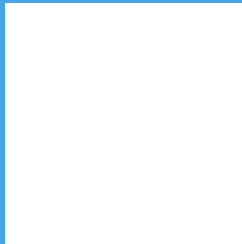
Any Text WCAG AAA ✓ Pass

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

Hex 48A5E5 Background



This preview shows how black text looks on a background with the Hex color 48A5E5.

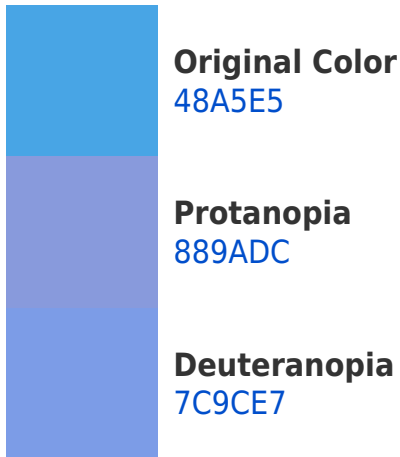


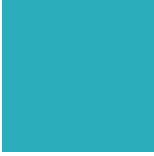
This preview shows how white text looks on a background with the Hex color 48A5E5.

Color Blindness Simulation

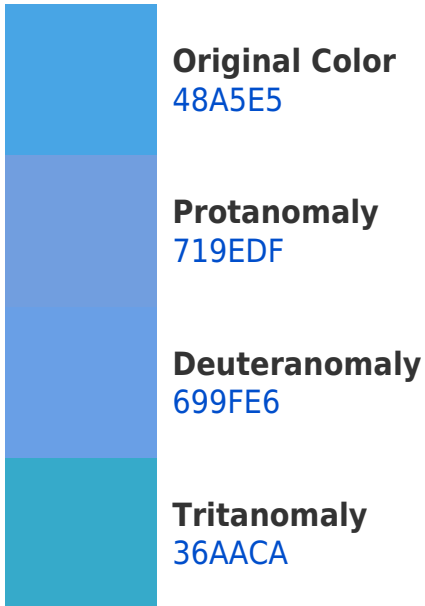
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

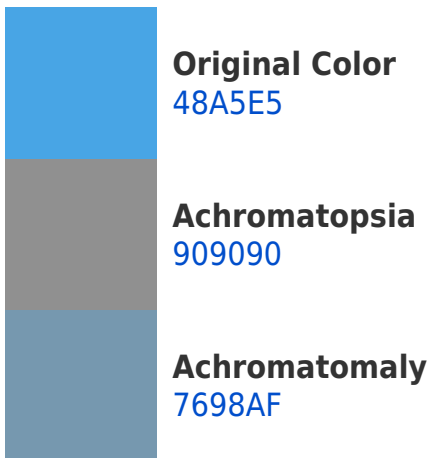




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48A5E5 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 #48A5E5 looks like.

```
.text, #text, p{  
    color:#48A5E5  
}
```

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 #48A5E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48A5E5
}
```

Border

The CSS property to change the border of an element to Hex 48A5E5 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
#48A5E5 }
```

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

```
.border{ border-color:#48A5E5 }
```

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

Here you see how a box with a 4 pixel #48A5E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48A5E5; -webkit-box-shadow:4px 4px  
4px 4px #48A5E5; box-shadow:4px 4px 4px  
4px #48A5E5 }
```

Background

The CSS property to change the background color of an element to Hex 48A5E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48A5E5 }
```

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

```
.background{ background-color:#48A5E5 }
```

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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