

Converting Colors

Hex(45A7E5)

Have a look what the booklet for
Hex(45A7E5) contains.

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Color

Hex(45A7E5)

Conversions

Conversions Part 1

Format	Color
Hex	45A7E5
RGB	69, 167, 229
RGB Percent	27%, 65%, 90%
CMY	0.7294, 0.3451, 0.1020
CMYK	0.70, 0.27, 0.00, 0.10
HSL	203°, 75%, 58%
HSV	203°, 70%, 90%
XYZ	30.4158, 34.5598, 79.1964
YIQ	144.7660, -78.3100, -1.4940

Conversions

Conversions Part 2

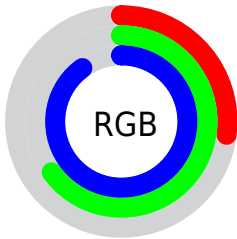
Format	Color
RYB	69, 130, 229
Decimal	4564965
CIELab	65.40, -8.88, -39.51
CIELCh	65, 40.498, 257.329
Yxy	34.5598, 0.2110, 0.2397
Android (android.graphics.Color)	4282755045 (0xFF45A7E5)
YUV	144.7660, 41.5274, -66.4468
Hunter-Lab	58.7876, -10.5250, -38.7219

Details

The Hex color **45A7E5** 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 **E58345**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **86DEFF**, and **0073AD** is the 20% darker color. If you saturate the color by 10%, you get **2E9EE5**, and if you desaturate by 10%, it is **5CB0E5**.

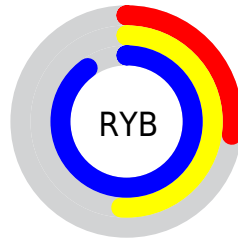
Distribution



Red (27%)

Green (65%)

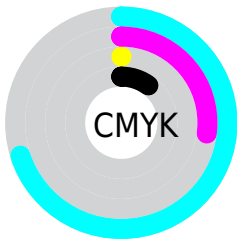
Blue (90%)



Red (27%)

Yellow (51%)

Blue (90%)

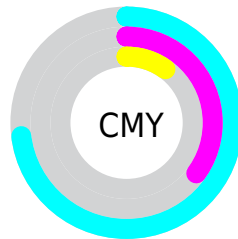


Cyan (70%)

Magenta (27%)

Yellow (0%)

Black (10%)



Cyan (73%)

Magenta (35%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45A7E5 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 45A7E5 by changing the saturation by 10% instead.

■ 45A7E5

■ 45A7E5

FFFFFF

■ 158DC9

■ 86DEFF

■ 0073AD

■ A5FBFF

■ 005B92

■ C3FFFF

■ 004478

■ E2FFFF

■ 002E5F

■ 001A47

■ 000430

■ 00011A

■ 000000

■ 45A7E5

■ 45A7E5

■ 2E9EE5

■ 5CB0E5

■ 1795E5

■ 73B9E5

■ 008CE5

■ 8AC2E5

■ A1CAE5

■ B8D3E5

■ CEDCE5

■ E5E5E5

■ FCEEE5

■ FFF7E5

Harmonies

Analogous

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



00AFD3



45A7E5



8B9BE4

Triad

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



45A7E5



E5828B



78AC6C

Complementary

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



45A7E5



E58345

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.



A1A358



45A7E5



DB8B6B

Square

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



45A7E5



DB83B0



C39758



44B18E

Rectangle

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



45A7E5



AE92D9



C39758



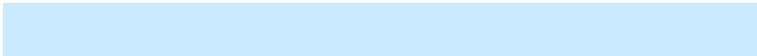
86AA64

Sweetspot

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



45A7E5



C9EAFF



45E582



607380



000000



808080

Same Dimension

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



45A7E5



29ACFF



4558E5



676E73



006DB3



001F33

Inverse Universe

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



E545A7



FF29AC



E5D245



73676E



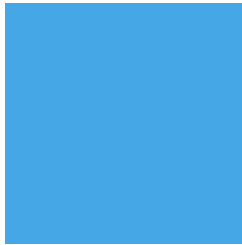
B3006D



33001F

Previews

White Background



This preview shows how the Hex color 45A7E5 looks on a white background.

Color Contrast Check

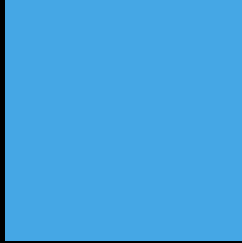
Large Text (above 18pt) WCAG AA × Fail

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 45A7E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

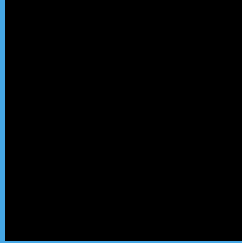
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

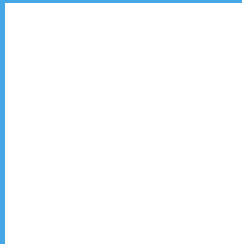
Any Text WCAG AAA ✓ Pass

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

Hex 45A7E5 Background



This preview shows how black text looks on a background with the Hex color 45A7E5.

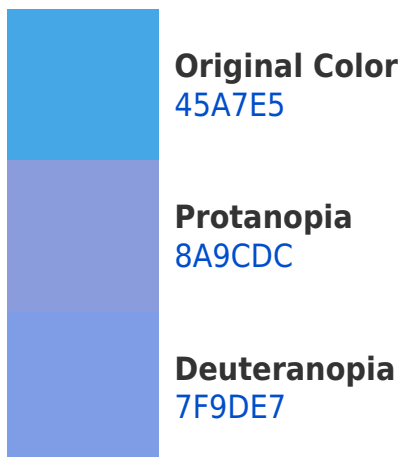


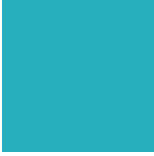
This preview shows how white text looks on a background with the Hex color 45A7E5.

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](#).

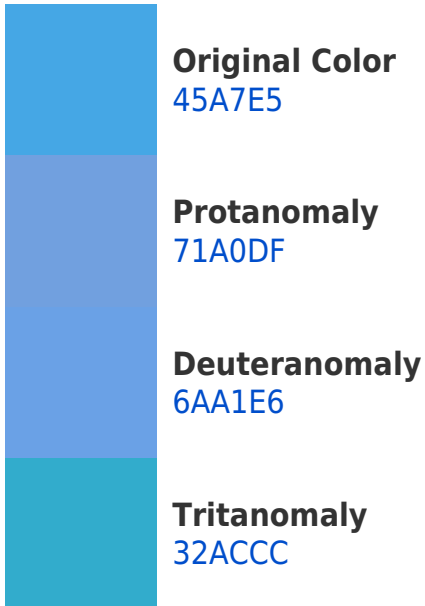
Dichromacy



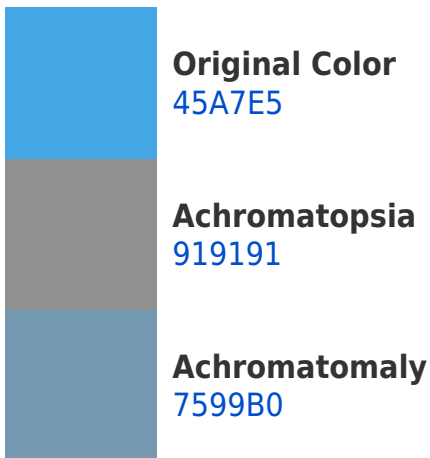


Tritanopia
27AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45A7E5 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 #45A7E5 looks like.

```
.text, #text, p{  
    color:#45A7E5  
}
```

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 #45A7E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45A7E5
}
```

Border

The CSS property to change the border of an element to Hex 45A7E5 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
#45A7E5 }
```

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

```
.border{ border-color:#45A7E5 }
```

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

Here you see how a box with a 4 pixel #45A7E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45A7E5; -webkit-box-shadow:4px 4px  
4px 4px #45A7E5; box-shadow:4px 4px 4px  
4px #45A7E5 }
```

Background

The CSS property to change the background color of an element to Hex 45A7E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45A7E5 }
```

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

```
.background{ background-color:#45A7E5 }
```

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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