

Converting Colors

Hex(45ADE5)

Have a look what the booklet for
Hex(45ADE5) contains.

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Color

Hex(45ADE5)

Conversions

Conversions Part 1

Format	Color
Hex	45ADE5
RGB	69, 173, 229
RGB Percent	27%, 68%, 90%
CMY	0.7294, 0.3216, 0.1020
CMYK	0.70, 0.24, 0.00, 0.10
HSL	201°, 75%, 58%
HSV	201°, 70%, 90%
XYZ	31.5407, 36.8095, 79.5713
YIQ	148.2880, -79.9600, -4.6320

Conversions

Conversions Part 2

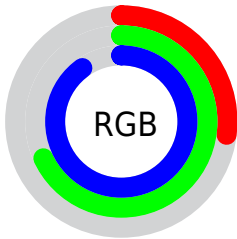
Format	Color
RYB	69, 132, 229
Decimal	4566501
CIELab	67.13, -12.17, -36.81
CIELCh	67, 38.774, 251.703
Yxy	36.8095, 0.2132, 0.2488
Android (android.graphics.Color)	4282756581 (0xFF45ADE5)
YUV	148.2880, 39.7910, -69.5356
Hunter-Lab	60.6708, -13.3780, -35.2907

Details

The Hex color **45ADE5** 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 **E57D45**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **87E4FF**, and **0079AD** is the 20% darker color. If you saturate the color by 10%, you get **2EA5E5**, and if you desaturate by 10%, it is **5CB5E5**.

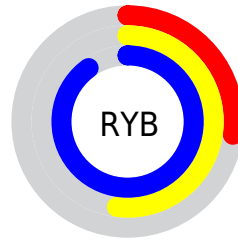
Distribution



Red (27%)

Green (68%)

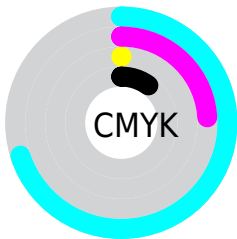
Blue (90%)



Red (27%)

Yellow (52%)

Blue (90%)

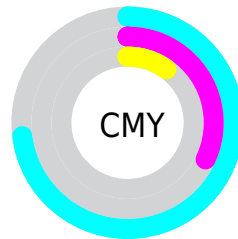


Cyan (70%)

Magenta (24%)

Yellow (0%)

Black (10%)



Cyan (73%)

Magenta (32%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45ADE5 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 45ADE5 by changing the saturation by 10% instead.

■ 45ADE5

■ 45ADE5

FFFFFF

■ 1592C9

■ 87E4FF

■ 0079AD

■ A5FFFF

■ 006092

■ C3FFFF

■ 004878

■ E2FFFF

■ 00325F

■ 001E47

■ 000431

■ 00011B

■ 000000

■ 45ADE5

■ 45ADE5

■ 2EA5E5

■ 5CB5E5

■ 179DE5

■ 73BDE5

■ 0095E5

■ 8AC5E5

■ A1CDE5

■ B8D5E5

■ CEDDE5

■ E5E5E5

■ FCEDE5

■ FFF5E5

Harmonies

Analogous

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



00B4D1



45ADE5



86A2E8

Triad

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



45ADE5



E78897



86AF6E

Complementary

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



45ADE5



E57D45

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.



ADA65E



45ADE5



E18E77

Square

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



45ADE5



DA8BBA



CC9A61



59B48C

Rectangle

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



45ADE5



AA9ADF



CC9A61



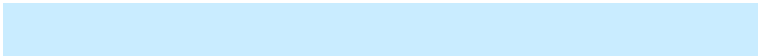
94AC67

Sweetspot

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



45ADE5



C9ECFF



45E57D



607480



000000



808080

Same Dimension

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



45ADE5



29B4FF



4560E5



676F73



0074B3



002133

Inverse Universe

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



E545AD



FF29B4



E5CD45



73676F



B30074



330021

Previews

White Background



This preview shows how the Hex color 45ADE5 looks on a white background.

Color Contrast Check

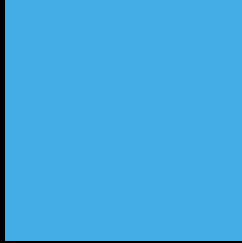
Large Text (above 18pt) WCAG AA × Fail

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 45ADE5 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

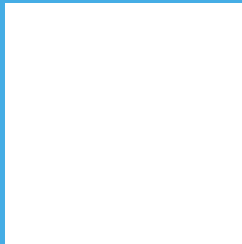
Any Text WCAG AAA ✓ Pass

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

Hex 45ADE5 Background



This preview shows how black text looks on a background with the Hex color 45ADE5.

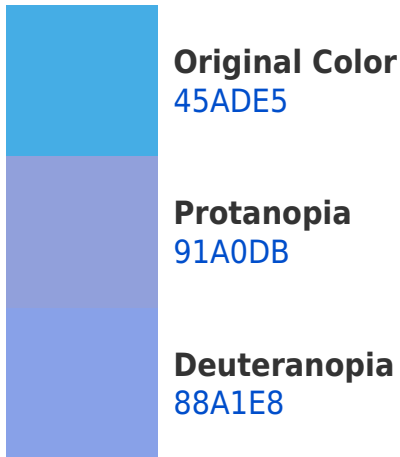


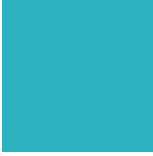
This preview shows how white text looks on a background with the Hex color 45ADE5.

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](#).

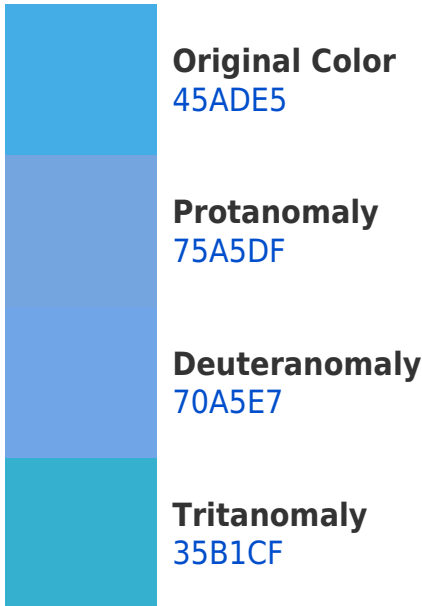
Dichromacy



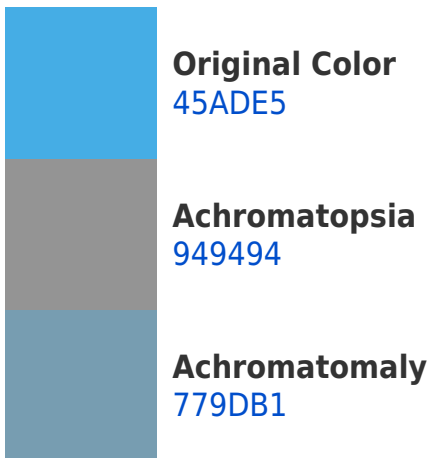


Tritanopia
2CB3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45ADE5 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 #45ADE5 looks like.

```
.text, #text, p{  
    color:#45ADE5  
}
```

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 #45ADE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45ADE5  
}
```

Border

The CSS property to change the border of an element to Hex 45ADE5 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  
#45ADE5 }
```

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

```
.border{ border-color:#45ADE5 }
```

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

Here you see how a box with a 4 pixel #45ADE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45ADE5; -webkit-box-shadow:4px 4px  
4px 4px #45ADE5; box-shadow:4px 4px 4px  
4px #45ADE5 }
```

Background

The CSS property to change the background color of an element to Hex 45ADE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45ADE5 }
```

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

```
.background{ background-color:#45ADE5 }
```

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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