

Converting Colors

Hex(45ACD0)

Have a look what the booklet for
Hex(45ACD0) contains.

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Color

Hex(45ACD0)

Conversions

Conversions Part 1

Format	Color
Hex	45ACD0
RGB	69, 172, 208
RGB Percent	27%, 67%, 82%
CMY	0.7294, 0.3255, 0.1843
CMYK	0.67, 0.17, 0.00, 0.18
HSL	196°, 60%, 54%
HSV	196°, 67%, 82%
XYZ	28.5919, 35.3243, 64.9858
YIQ	145.3070, -72.9440, -10.6400

Conversions

Conversions Part 2

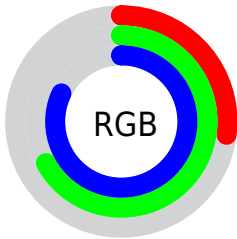
Format	Color
RYB	69, 128, 208
Decimal	4566224
CIELab	66.00, -18.43, -27.01
CIElCh	66, 32.698, 235.694
Yxy	35.3243, 0.2218, 0.2740
Android (android.graphics.Color)	4282756304 (0xFF45ACD0)
YUV	145.3070, 30.9076, -66.9212
Hunter-Lab	59.4343, -18.1393, -23.2241

Details

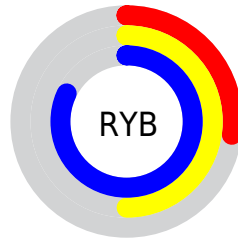
The Hex color **45ACD0** is a light color, and the websafe version is hex **0099CC**. The color can be described as light muted azure. A complement of this color would be **D06945**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **84E3FF**, and **007899** is the 20% darker color. If you saturate the color by 10%, you get **30A7D0**, and if you desaturate by 10%, it is **5AB1D0**.

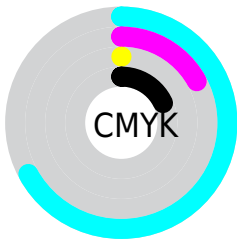
Distribution



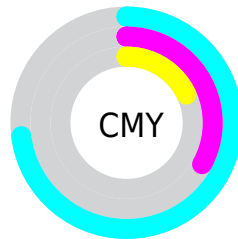
- Red (27%)
- Green (67%)
- Blue (82%)



- Red (27%)
- Yellow (50%)
- Blue (82%)



- Cyan (67%)
- Magenta (17%)
- Yellow (0%)
- Black (18%)



- Cyan (73%)
- Magenta (33%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45ACD0 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 45ACD0 by changing the saturation by 10% instead.

 45ACD0

 45ACD0

FFFFFF

 1B91B4

 84E3FF

 007899

 A2FFFF

 005F7F

 BFFFFF

 004766


 DDDFFF

 00304E

 FCFFFF

 001D37

 000222

 000007

 000000

■ 45ACD0

■ 45ACD0

■ 30A7D0

■ 5AB1D0

■ 1BA1D0

■ 6FB7D0

■ 079CD0

■ 83BCD0

■ 009AD0

■ 98C2D0

■ ADC7D0

■ C2CCD0

■ D7D2D0

■ EBD7D0

■ FFDCD0

Harmonies

Analogous

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



38B0B9



45ACD0



71A5DA

Triad

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



45ACD0



D68AA6



9AA66B

Complementary

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



45ACD0



D06945

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.



B89D66



45ACD0



DA8C88

Square

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



45ACD0



C290C2



CF9371



78AD7E

Rectangle

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



45ACD0



909ED9



CF9371



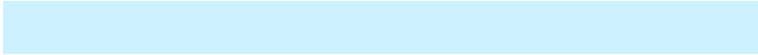
A5A367

Sweetspot

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



45ACD0



CCF2FF



45D068



617880



000000



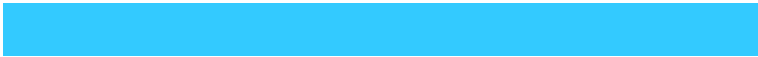
808080

Same Dimension

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



45ACD0



33CAFF



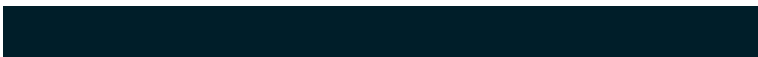
4568D0



5E6669



007DA8



001E29

Inverse Universe

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



D045AC



FF33CA



D0AD45



695E66



A8007D



29001E

Previews

White Background



This preview shows how the Hex color 45ACD0 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 45ACD0 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 45ACD0 Background



This preview shows how black text looks on a background with the Hex color 45ACD0.

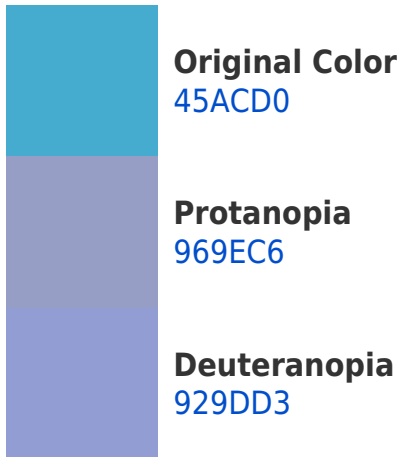


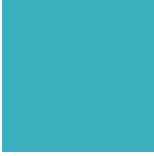
This preview shows how white text looks on a background with the Hex color 45ACD0.

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](#).

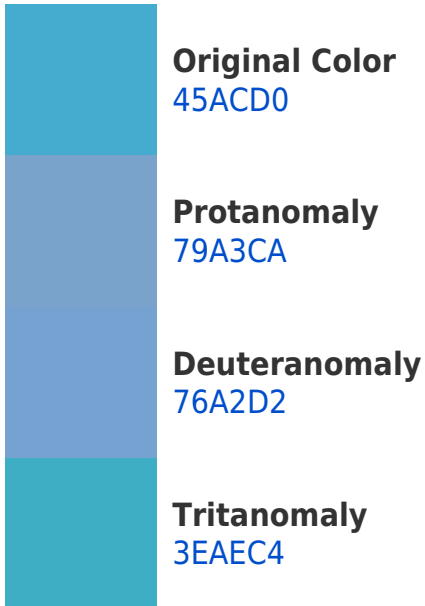
Dichromacy



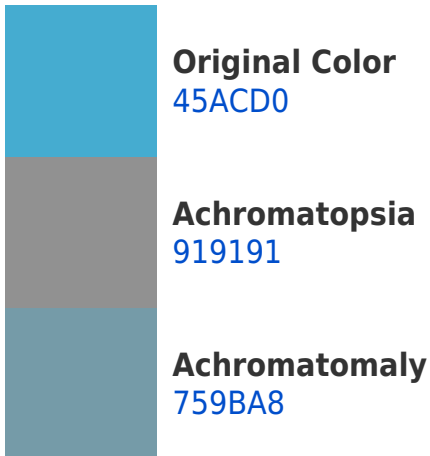


Tritanopia
3AAFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45ACD0 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 #45ACD0 looks like.

```
.text, #text, p{  
    color:#45ACD0  
}
```

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 #45ACD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45ACD0
}
```

Border

The CSS property to change the border of an element to Hex 45ACD0 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
#45ACD0 }
```

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

```
.border{ border-color:#45ACD0 }
```

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

Here you see how a box with a 4 pixel #45ACD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45ACD0; -webkit-box-shadow:4px 4px  
4px 4px #45ACD0; box-shadow:4px 4px 4px  
4px #45ACD0 }
```

Background

The CSS property to change the background color of an element to Hex 45ACD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45ACD0 }
```

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

```
.background{ background-color:#45ACD0 }
```

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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