

Converting Colors

Hex(50ACD0)

Have a look what the booklet for
Hex(50ACD0) contains.

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Color

Hex(50ACD0)

Conversions

Conversions Part 1

Format	Color
Hex	50ACD0
RGB	80, 172, 208
RGB Percent	31%, 67%, 82%
CMY	0.6863, 0.3255, 0.1843
CMYK	0.62, 0.17, 0.00, 0.18
HSL	197°, 58%, 56%
HSV	197°, 62%, 82%
XYZ	29.4460, 35.7646, 65.0258
YIQ	148.5960, -66.3880, -8.3080

Conversions

Conversions Part 2

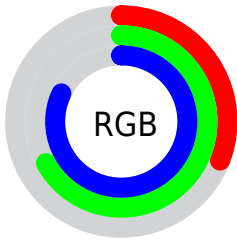
Format	Color
RYB	80, 134, 208
Decimal	5287120
CIELab	66.34, -16.59, -26.46
CIELCh	66, 31.230, 237.915
Yxy	35.7646, 0.2261, 0.2746
Android (android.graphics.Color)	4283477200 (0xFF50ACD0)
YUV	148.5960, 29.2862, -60.1587
Hunter-Lab	59.8035, -16.7666, -22.6050

Details

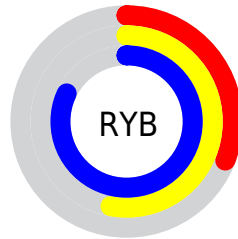
The Hex color **50ACD0** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **D07450**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **8CE3FF**, and **007899** is the 20% darker color. If you saturate the color by 10%, you get **3BA6D0**, and if you desaturate by 10%, it is **65B2D0**.

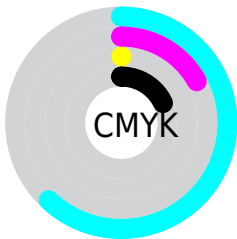
Distribution



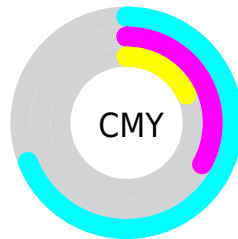
- Red (31%)
- Green (67%)
- Blue (82%)



- Red (31%)
- Yellow (53%)
- Blue (82%)



- Cyan (62%)
- Magenta (17%)
- Yellow (0%)
- Black (18%)



- Cyan (69%)
- Magenta (33%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50ACD0 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 50ACD0 by changing the saturation by 10% instead.

 50ACD0

 50ACD0

FFFFFF

 2D91B4

 8CE3FF

 007899

 AAFFFF

 005F7F

 C7FFFF

 004766

 E5FFFF

 00314E

 001D37

 000222

 000007

 000000

■ 50ACD0

■ 50ACD0

■ 3BA6D0

■ 65B2D0

■ 26A0D0

■ 7AB8D0

■ 129AD0

■ 8EBED0

■ 0096D0

■ A3C3D0

■ B8C9D0

■ CDCFD0

■ E2D5D0

■ F6DBD0

■ FFE1D0

Harmonies

Analogous

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



42B0BB



50ACD0



78A5D9

Triad

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



50ACD0



D68CA4



99A86F

Complementary

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



50ACD0



D07450

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.



B69F69



50ACD0



D88E88

Square

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



50ACD0



C391BF



CD9573



79AE83

Rectangle

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



50ACD0



959ED6



CD9573



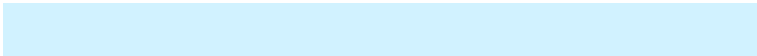
A4A56B

Sweetspot

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



50ACD0



D1F2FF



50D072



637880



000000



808080

Same Dimension

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



50ACD0



42CAFF



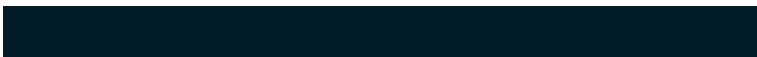
506ED0



5E6669



0079A8



001D29

Inverse Universe

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



D050AC



FF42CA



D0B250



695E66



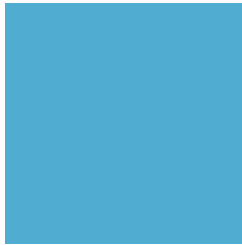
A80079



29001D

Previews

White Background



This preview shows how the Hex color 50ACD0 looks on a white background.

Color Contrast Check

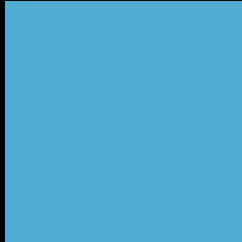
Large Text (above 18pt) WCAG AA × Fail

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 50ACD0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

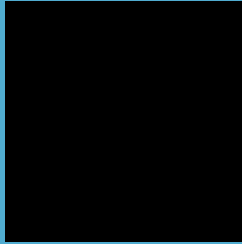
Any Text WCAG AA ✓ Pass

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 50ACD0 Background



This preview shows how black text looks on a background with the Hex color 50ACD0.

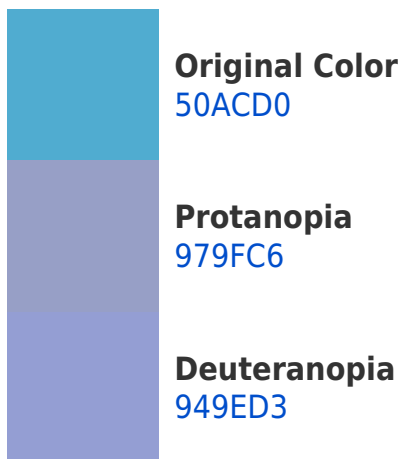


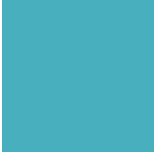
This preview shows how white text looks on a background with the Hex color 50ACD0.

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](#).

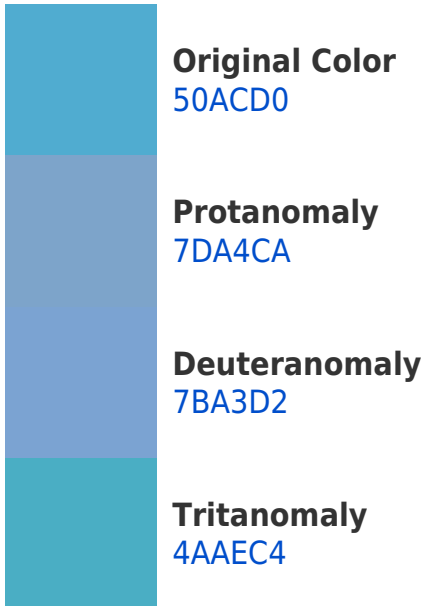
Dichromacy



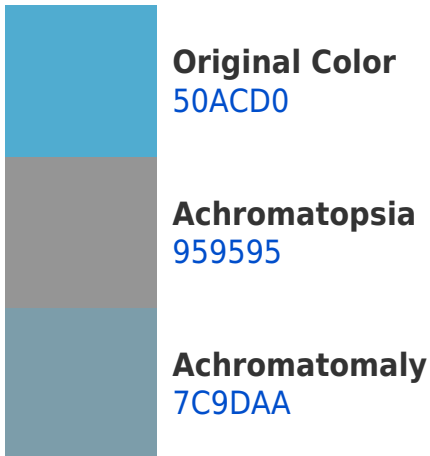


Tritanopia
47AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50ACD0 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 #50ACD0 looks like.

```
.text, #text, p{  
    color:#50ACD0  
}
```

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 #50ACD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50ACD0
}
```

Border

The CSS property to change the border of an element to Hex 50ACD0 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
#50ACD0 }
```

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

```
.border{ border-color:#50ACD0 }
```

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

Here you see how a box with a 4 pixel #50ACD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50ACD0; -webkit-box-shadow:4px 4px  
4px 4px #50ACD0; box-shadow:4px 4px 4px  
4px #50ACD0 }
```

Background

The CSS property to change the background color of an element to Hex 50ACD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50ACD0 }
```

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

```
.background{ background-color:#50ACD0 }
```

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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