

Converting Colors

Hex(63ACDB)

Have a look what the booklet for
Hex(63ACDB) contains.

Hex(63ACDB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(63ACDB)

Conversions

Conversions Part 1

Format	Color
Hex	63ACDB
RGB	99, 172, 219
RGB Percent	39%, 67%, 86%
CMY	0.6118, 0.3255, 0.1412
CMYK	0.55, 0.21, 0.00, 0.14
HSL	204°, 62%, 62%
HSV	204°, 55%, 86%
XYZ	32.6843, 37.2722, 72.4894
YIQ	155.5310, -58.5950, -0.8590

Conversions

Conversions Part 2

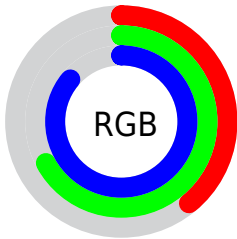
Format	Color
R _Y B	99, 144, 219
Decimal	6532315
CIE Lab	67.48, -9.53, -30.70
CIE LCh	67, 32.150, 252.751
Yxy	37.2722, 0.2295, 0.2617
Android (android.graphics.Color)	4284722395 (0xFF63ACDB)
YUV	155.5310, 31.2902, -49.5777
Hunter-Lab	61.0509, -11.2772, -27.6629

Details

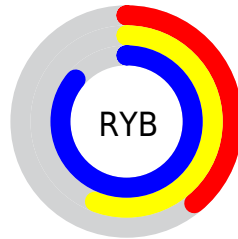
The Hex color **63ACDB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DB9263**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **9DE3FF**, and **2178A4** is the 20% darker color. If you saturate the color by 10%, you get **4DA3DB**, and if you desaturate by 10%, it is **79B5DB**.

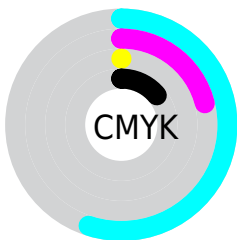
Distribution



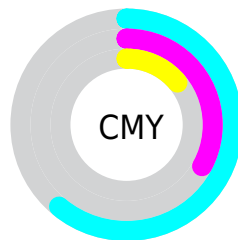
- Red (39%)
- Green (67%)
- Blue (86%)



- Red (39%)
- Yellow (56%)
- Blue (86%)



- Cyan (55%)
- Magenta (21%)
- Yellow (0%)
- Black (14%)



- Cyan (61%)
- Magenta (33%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63ACDB 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 63ACDB by changing the saturation by 10% instead.

■ 63ACDB

■ 63ACDB

FFFFFF

■ 4591BF

■ 9DE3FF

■ 2178A4

■ BAFFFF

■ 005F89

■ D8FFFF

■ 004870

■ F5FFFF

■ 003157

■ 001D40

■ 000329

■ 000113

■ 000000

■ 63ACDB

■ 63ACDB

■ 4DA3DB

■ 79B5DB

■ 379BDB

■ 8FBDDDB

■ 2192DB

■ A5C6DB

■ 0B8ADB

■ BBCEDB

■ 0085DB

■ D1D7DB

■ E6DFDB

■ FCE8DB

■ FFF1DB

■ FFF9DB

Harmonies

Analogous

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



42B2CB



63ACDB



90A3DD

Triad

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



63ACDB



DE8F99



8CAE79

Complementary

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



63ACDB



DB9263

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.



ACA76B



63ACDB



D9947E

Square

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



63ACDB



D390B6



C79D6D



69B392

Rectangle

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



63ACDB



AC9CD5



C79D6D



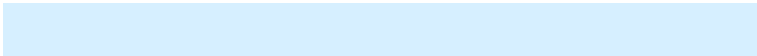
97AC73

Sweetspot

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



63ACDB



D6EFFF



63DB91



677680



000000



808080

Same Dimension

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



63ACDB



57BDFE



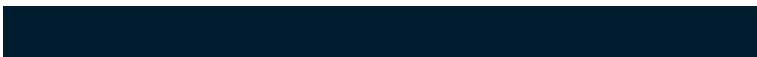
6371DB



63696E



0069AD



001C2E

Inverse Universe

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



DB63AC



FF57BD



DBCD63



6E6369



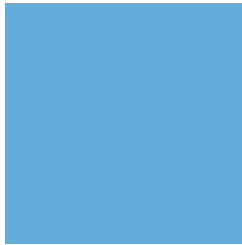
AD0069



2E001C

Previews

White Background



This preview shows how the Hex color 63ACDB looks on a white background.

Color Contrast Check

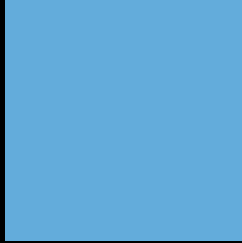
Large Text (above 18pt) WCAG AA × Fail

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 63ACDB 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

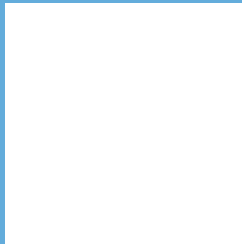
Any Text WCAG AAA ✓ Pass

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

Hex 63ACDB Background



This preview shows how black text looks on a background with the Hex color 63ACDB.

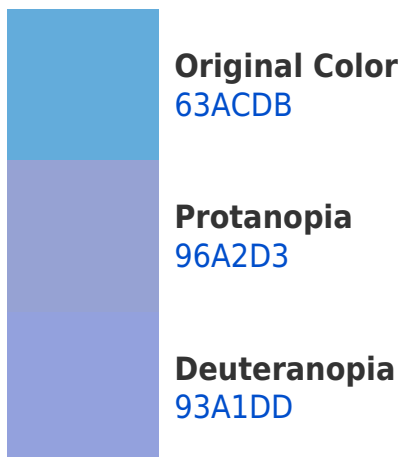


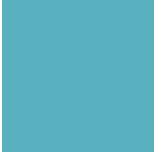
This preview shows how white text looks on a background with the Hex color 63ACDB.

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](#).

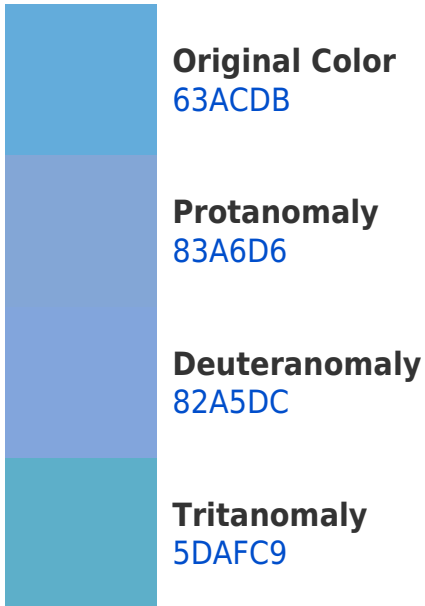
Dichromacy



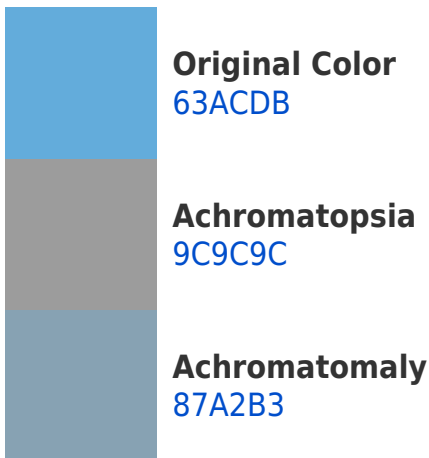


Tritanopia
59B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63ACDB 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 #63ACDB looks like.

```
.text, #text, p{  
    color:#63ACDB  
}
```

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 #63ACDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63ACDB
}
```

Border

The CSS property to change the border of an element to Hex 63ACDB 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
#63ACDB }
```

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

```
.border{ border-color:#63ACDB }
```

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

Here you see how a box with a 4 pixel #63ACDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63ACDB; -webkit-box-shadow:4px 4px  
4px 4px #63ACDB; box-shadow:4px 4px 4px  
4px #63ACDB }
```

Background

The CSS property to change the background color of an element to Hex 63ACDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63ACDB }
```

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

```
.background{ background-color:#63ACDB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor