

Converting Colors

Hex(4A97DB)

Have a look what the booklet for
Hex(4A97DB) contains.

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Color

Hex(4A97DB)

Conversions

Conversions Part 1

Format	Color
Hex	4A97DB
RGB	74, 151, 219
RGB Percent	29%, 59%, 86%
CMY	0.7098, 0.4078, 0.1412
CMYK	0.66, 0.31, 0.00, 0.14
HSL	208°, 67%, 57%
HSV	208°, 66%, 86%
XYZ	26.6768, 28.7035, 71.1522
YIQ	135.7290, -67.7200, 4.8240

Conversions

Conversions Part 2

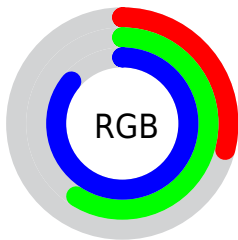
Format	Color
R_{YB}	74, 124, 219
Decimal	4888539
CIE _{Lab}	60.52, -2.46, -41.63
CIE _{LCh}	61, 41.699, 266.623
Yxy	28.7035, 0.2108, 0.2268
Android (android.graphics.Color)	4283078619 (0xFF4A97DB)
YUV	135.7290, 41.0526, -54.1363
Hunter-Lab	53.5757, -4.8773, -41.2382

Details

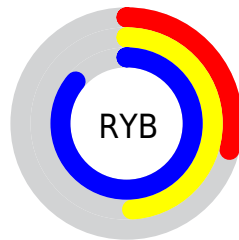
The Hex color **4A97DB** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **DB8E4A**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **88CDFF**, and **0065A4** is the 20% darker color. If you saturate the color by 10%, you get **348DDB**, and if you desaturate by 10%, it is **60A1DB**.

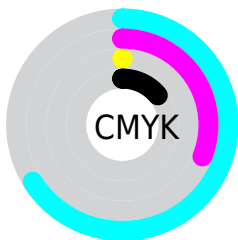
Distribution



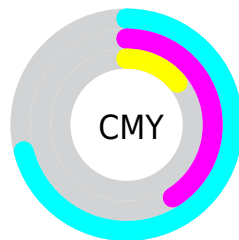
- Red (29%)
- Green (59%)
- Blue (86%)



- Red (29%)
- Yellow (49%)
- Blue (86%)



- Cyan (66%)
- Magenta (31%)
- Yellow (0%)
- Black (14%)



- Cyan (71%)
- Magenta (41%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A97DB 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 4A97DB by changing the saturation by 10% instead.

■ 4A97DB

■ 4A97DB

FFFFFF

■ 237DBF

■ 88CDFF

■ 0065A4

■ A6E9FF

■ 004D89

■ C4FFFF

■ 00376F

■ E2FFFF

■ 002256

■ 000A3F

■ 000328

■ 000112

■ 000000

■ 4A97DB

■ 4A97DB

■ 348DDB

■ 60A1DB

■ 1E82DB

■ 76ACDB

■ 0878DB

■ 8CB6DB

■ 0074DB

■ A2C0DB

■ B7CADB

■ CDD5DB

■ E3DFDB

■ F9E9DB

■ FFF3DB

Harmonies

Analogous

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



00A0CF



4A97DB



8F8AD4

Triad

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



4A97DB



D77673



5BA168

Complementary

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



4A97DB



DB8E4A

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.



879A4E



4A97DB



C88155

Square

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



4A97DB



D47498



AC8E47



04A58C

Rectangle

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



4A97DB



AF81C5



AC8E47



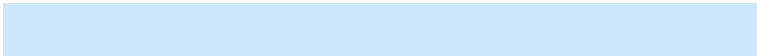
6B9F5E

Sweetspot

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



4A97DB



CCE7FF



4ADB8E



617180



000000



808080

Same Dimension

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



4A97DB



36A1FF



4A4FDB



63696E



005CAD



00182E

Inverse Universe

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



DB4A97



FF36A1



DBD64A



6E6369



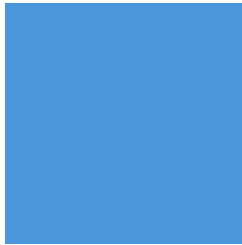
AD005C



2E0018

Previews

White Background



This preview shows how the Hex color 4A97DB looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4A97DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

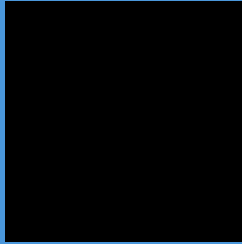
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 4A97DB Background



This preview shows how black text looks on a background with the Hex color 4A97DB.

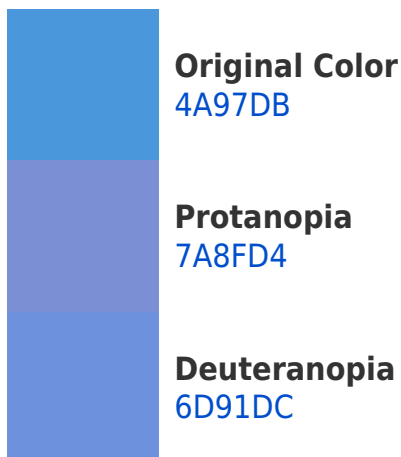


This preview shows how white text looks on a background with the Hex color 4A97DB.

Color Blindness Simulation

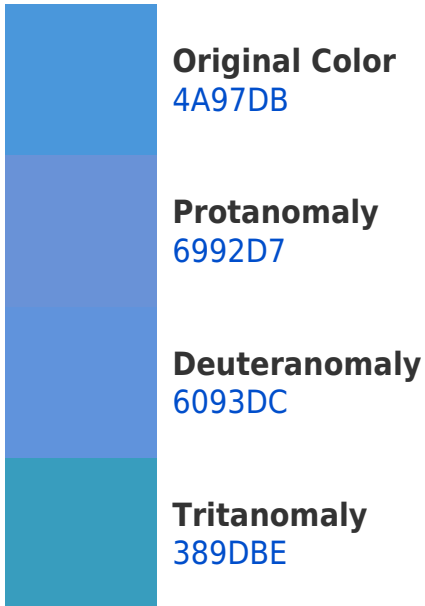
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

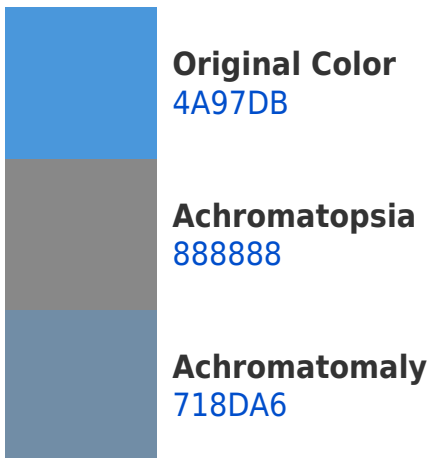




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A97DB 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 #4A97DB looks like.

```
.text, #text, p{  
    color:#4A97DB  
}
```

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 #4A97DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A97DB
}
```

Border

The CSS property to change the border of an element to Hex 4A97DB 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
#4A97DB }
```

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

```
.border{ border-color:#4A97DB }
```

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

Here you see how a box with a 4 pixel #4A97DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A97DB; -webkit-box-shadow:4px 4px  
4px 4px #4A97DB; box-shadow:4px 4px 4px  
4px #4A97DB }
```

Background

The CSS property to change the background color of an element to Hex 4A97DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A97DB }
```

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

```
.background{ background-color:#4A97DB }
```

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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