

Converting Colors

Hex(69ABDB)

Have a look what the booklet for
Hex(69ABDB) contains.

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Color

Hex(69ABDB)

Conversions

Conversions Part 1

Format	Color
Hex	69ABDB
RGB	105, 171, 219
RGB Percent	41%, 67%, 86%
CMY	0.5882, 0.3294, 0.1412
CMYK	0.52, 0.22, 0.00, 0.14
HSL	205°, 61%, 64%
HSV	205°, 52%, 86%
XYZ	33.1748, 37.2436, 72.4581
YIQ	156.7380, -54.7440, 0.9360

Conversions

Conversions Part 2

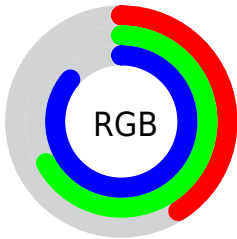
Format	Color
RYB	105, 147, 219
Decimal	6925275
CIELab	67.46, -7.70, -30.72
CIELCh	67, 31.666, 255.931
Yxy	37.2436, 0.2322, 0.2607
Android (android.graphics.Color)	4285115355 (0xFF69ABDB)
YUV	156.7380, 30.6952, -45.3742
Hunter-Lab	61.0275, -9.7648, -27.6759

Details

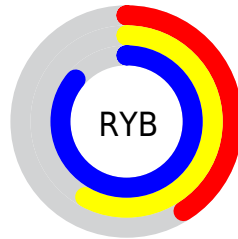
The Hex color **69ABDB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DB9969**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **A2E2FF**, and **2B77A4** is the 20% darker color. If you saturate the color by 10%, you get **53A2DB**, and if you desaturate by 10%, it is **7FB4DB**.

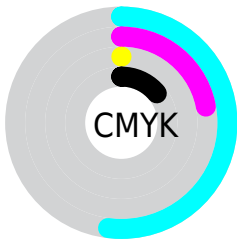
Distribution



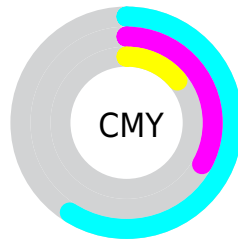
- Red (41%)
- Green (67%)
- Blue (86%)



- Red (41%)
- Yellow (58%)
- Blue (86%)



- Cyan (52%)
- Magenta (22%)
- Yellow (0%)
- Black (14%)



- Cyan (59%)
- Magenta (33%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69ABDB 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 69ABDB by changing the saturation by 10% instead.

■ 69ABDB

■ 69ABDB

FFFFFF

■ 4C91BF

■ A2E2FF

■ 2B77A4

■ BFFFFFF

■ 005E89

■ DDDFFF

■ 004770

■ FAFFFF

■ 003157

■ 001C40

■ 000329

■ 000113

■ 000000

■ 69ABDB

■ 69ABDB

■ 53A2DB

■ 7FB4DB

■ 3D99DB

■ 95BDDDB

■ 278FDB

■ ABC7DB

■ 1186DB

■ C1D0DB

■ 007FDB

■ D7D9DB

■ ECE2DB

■ FFECDB

■ FFF5DB

■ FFFEDB

Harmonies

Analogous

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



47B1CC



69ABDB



95A2DB

Triad

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



69ABDB



DD8F96



88AF7C

Complementary

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



69ABDB



DB9969

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.



A9A76D



69ABDB



D7957D

Square

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



69ABDB



D490B3



C49E6D



66B395

Rectangle

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



69ABDB



AF9BD3



C49E6D



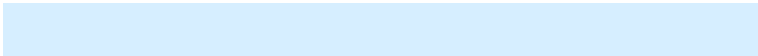
93AD75

Sweetspot

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



69ABDB



D6EEFF



69DB99



677580



000000



808080

Same Dimension

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



69ABDB



61BCFF



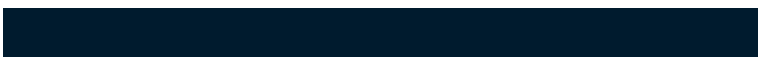
6972DB



63696E



0064AD



001B2E

Inverse Universe

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



DB69AB



FF61BC



DBD269



6E6369



AD0064



2E001B

Previews

White Background



This preview shows how the Hex color 69ABDB looks on a white background.

Color Contrast Check

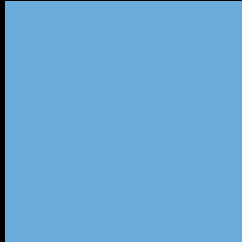
Large Text (above 18pt) WCAG AA × Fail

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 69ABDB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

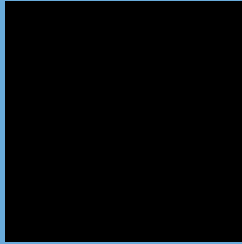
Any Text WCAG AA ✓ Pass

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 69ABDB Background



This preview shows how black text looks on a background with the Hex color 69ABDB.

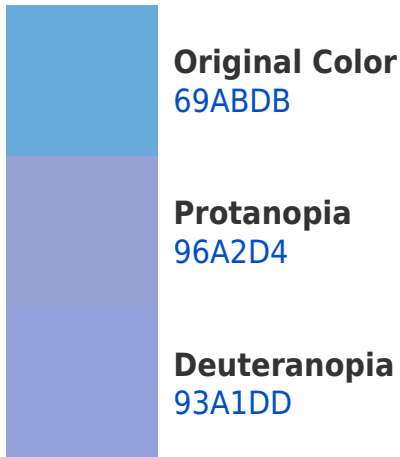


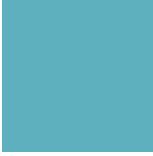
This preview shows how white text looks on a background with the Hex color 69ABDB.

Color Blindness Simulation

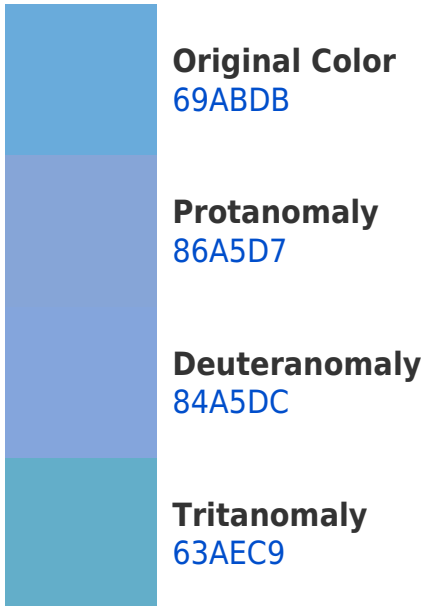
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

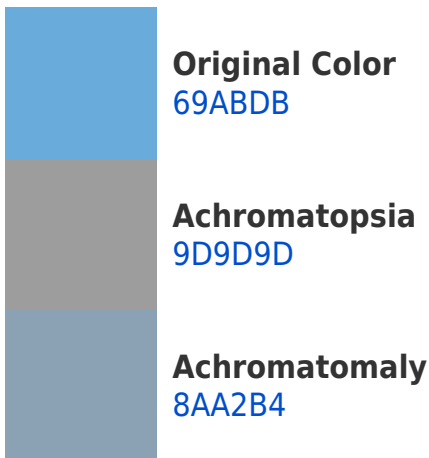




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 69ABDB 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 #69ABDB looks like.

```
.text, #text, p{  
    color:#69ABDB  
}
```

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 #69ABDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69ABDB
}
```

Border

The CSS property to change the border of an element to Hex 69ABDB 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
#69ABDB }
```

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

```
.border{ border-color:#69ABDB }
```

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

Here you see how a box with a 4 pixel #69ABDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69ABDB; -webkit-box-shadow:4px 4px  
4px 4px #69ABDB; box-shadow:4px 4px 4px  
4px #69ABDB }
```

Background

The CSS property to change the background color of an element to Hex 69ABDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69ABDB }
```

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

```
.background{ background-color:#69ABDB }
```

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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