

Converting Colors

Hex(69B3DA)

Have a look what the booklet for
Hex(69B3DA) contains.

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Color

Hex(69B3DA)

Conversions

Conversions Part 1

Format	Color
Hex	69B3DA
RGB	105, 179, 218
RGB Percent	41%, 70%, 85%
CMY	0.5882, 0.2980, 0.1451
CMYK	0.52, 0.18, 0.00, 0.15
HSL	201°, 60%, 63%
HSV	201°, 52%, 85%
XYZ	34.6007, 40.3054, 72.2857
YIQ	161.3200, -56.6230, -3.5590

Conversions

Conversions Part 2

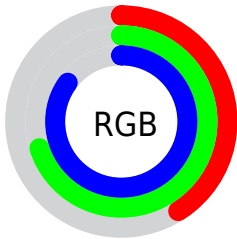
Format	Color
RYB	105, 150, 218
Decimal	6927322
CIELab	69.69, -12.32, -26.74
CIElCh	70, 29.441, 245.253
Yxy	40.3054, 0.2351, 0.2738
Android (android.graphics.Color)	4285117402 (0xFF69B3DA)
YUV	161.3200, 27.9432, -49.3926
Hunter-Lab	63.4865, -13.8175, -23.0670

Details

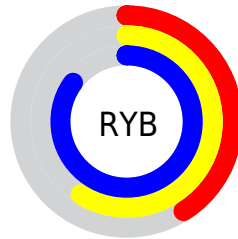
The Hex color **69B3DA** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **DA9069**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **A2EBFF**, and **2B7EA3** is the 20% darker color. If you saturate the color by 10%, you get **53ABDA**, and if you desaturate by 10%, it is **7FBBD A**.

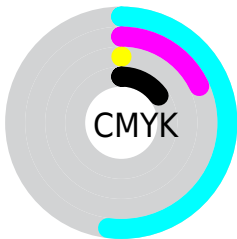
Distribution



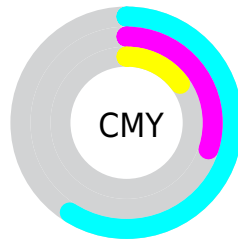
- Red (41%)
- Green (70%)
- Blue (85%)



- Red (41%)
- Yellow (59%)
- Blue (85%)



- Cyan (52%)
- Magenta (18%)
- Yellow (0%)
- Black (15%)



- Cyan (59%)
- Magenta (30%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69B3DA 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 69B3DA by changing the saturation by 10% instead.

69B3DA

69B3DA

FFFFFF

4C98BE

A2EBFF

2B7EA3

C0FFFF

006589

DDFFFF

004D6F

FBFFFF

003757

00213F

000329

000113

000000

69B3DA

69B3DA

53ABDA

7FBBDA

3DA4DA

95C2DA

289CDA

AACADA

1295DA

C0D1DA

008FDA

D6D9DA

ECE0DA

FFE8DA

FFEFDA

FFF7DA

Harmonies

Analogous

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



55B8C8



69B3DA



8FABDF

Triad

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



69B3DA



DF96A6



9BB27E

Complementary

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



69B3DA



DA9069

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.



B8AA75



69B3DA



DE998D

Square

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



69B3DA



D09AC1



D0A17A



7CB793

Rectangle

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



69B3DA



A8A5DA



D0A17A



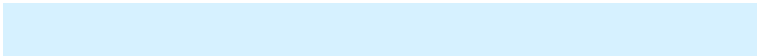
A6B079

Sweetspot

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



69B3DA



D6F1FF



69DA8F



677780



000000



808080

Same Dimension

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



69B3DA



61C8FF



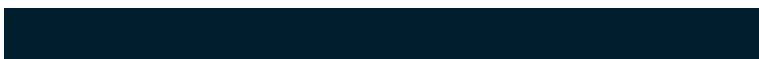
697CDA



636A6E



0072AD



001E2E

Inverse Universe

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



DA69B3



FF61C8



DAC769



6E636A



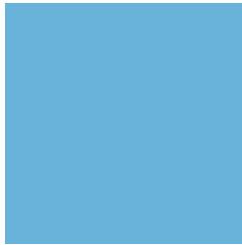
AD0072



2E001E

Previews

White Background



This preview shows how the Hex color 69B3DA looks on a white background.

Color Contrast Check

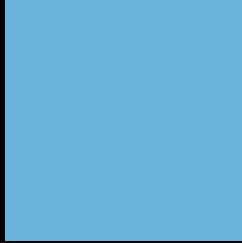
Large Text (above 18pt) WCAG AA × Fail

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 69B3DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

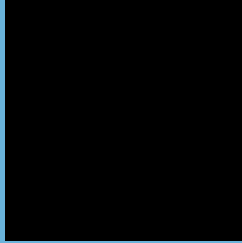
Any Text WCAG AA ✓ Pass

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 69B3DA Background



This preview shows how black text looks on a background with the Hex color 69B3DA.

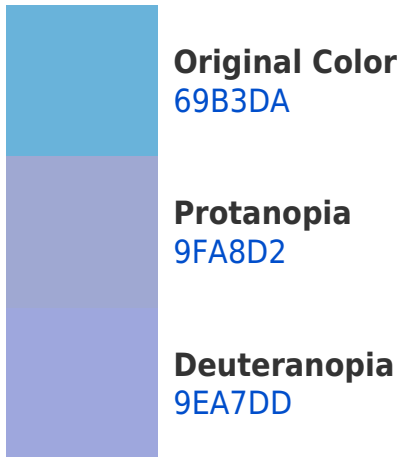


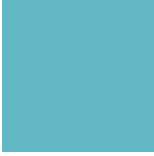
This preview shows how white text looks on a background with the Hex color 69B3DA.

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](#).

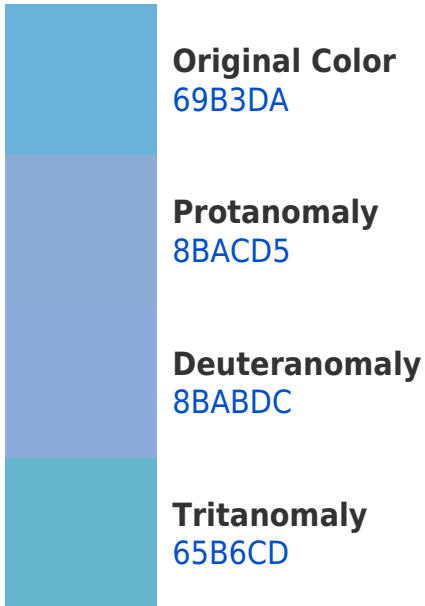
Dichromacy



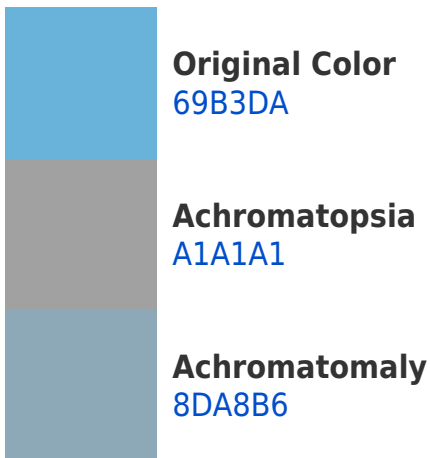


Tritanopia
62B7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 69B3DA 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 #69B3DA looks like.

```
.text, #text, p{  
    color:#69B3DA  
}
```

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 #69B3DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69B3DA
}
```

Border

The CSS property to change the border of an element to Hex 69B3DA 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
#69B3DA }
```

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

```
.border{ border-color:#69B3DA }
```

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

Here you see how a box with a 4 pixel #69B3DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69B3DA; -webkit-box-shadow:4px 4px  
4px 4px #69B3DA; box-shadow:4px 4px 4px  
4px #69B3DA }
```

Background

The CSS property to change the background color of an element to Hex 69B3DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69B3DA }
```

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

```
.background{ background-color:#69B3DA }
```

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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