

Converting Colors

Hex(6A9DB0)

Have a look what the booklet for
Hex(6A9DB0) contains.

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Color

Hex(6A9DB0)

Conversions

Conversions Part 1

Format	Color
Hex	6A9DB0
RGB	106, 157, 176
RGB Percent	42%, 62%, 69%
CMY	0.5843, 0.3843, 0.3098
CMYK	0.40, 0.11, 0.00, 0.31
HSL	196°, 31%, 55%
HSV	196°, 40%, 69%
XYZ	25.8373, 30.3127, 45.5635
YIQ	143.9170, -36.4950, -4.9030

Conversions

Conversions Part 2

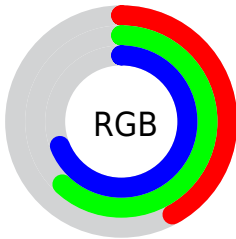
Format	Color
R _Y B	106, 136, 176
Decimal	6987184
CIE Lab	61.92, -11.98, -15.24
CIE LCh	62, 19.388, 231.840
Yxy	30.3127, 0.2540, 0.2980
Android (android.graphics.Color)	4285177264 (0xFF6A9DB0)
YUV	143.9170, 15.8169, -33.2532
Hunter-Lab	55.0570, -12.5827, -10.5267

Details

The Hex color **6A9DB0** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B07D6A**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A0D4E8**, and **356A7B** is the 20% darker color. If you saturate the color by 10%, you get **5898B0**, and if you desaturate by 10%, it is **7CA2B0**.

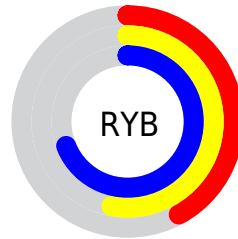
Distribution



Red (42%)

Green (62%)

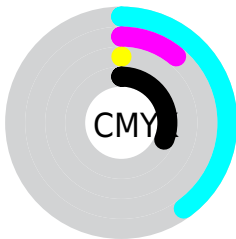
Blue (69%)



Red (42%)

Yellow (53%)

Blue (69%)

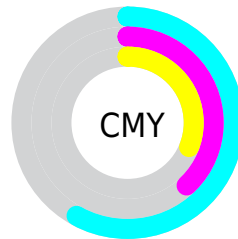


Cyan (40%)

Magenta (11%)

Yellow (0%)

Black (31%)



Cyan (58%)

Magenta (38%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A9DB0 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 6A9DB0 by changing the saturation by 10% instead.

 6A9DB0

 6A9DB0

FFFFFF

 508395

 A0D4E8

 356A7B

 BCF0FF

 195163

 D8FFFF

 003A4B

 F5FFFF

 002534

 000E1F

 000003

 000000

 6A9DB0

 6A9DB0

■ 5898B0

■ 7CA2B0

■ 4793B0

■ 8DA7B0

■ 358FB0

■ 9FABB0

■ 248AB0

■ B0B0B0

■ 1285B0

■ C2B5B0

■ 0080B0

■ D4BAB0

■ E5BEB0

■ F7C3B0

■ FFC8B0

Harmonies

Analogous

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



669FA2



6A9DB0



7B99B7

Triad

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



6A9DB0



B58A9B



959876

Complementary

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



6A9DB0



B07D6A

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.



A79374



6A9DB0



B98A8A

Square

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



6A9DB0



A78DAB



B48D7B



829D80

Rectangle

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



6A9DB0



8B95B7



B48D7B



9C9774

Sweetspot

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



6A9DB0



CADEE6



6AB07D



636E73



F2F2F2



737373

Same Dimension

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



6A9DB0



77C8E6



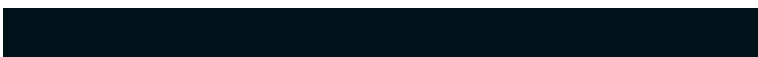
6A7AB0



505759



006F99



00131A

Inverse Universe

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



B06A9D



E677C8



B0A06A



595057



99006F



1A0013

Previews

White Background



This preview shows how the Hex color 6A9DB0 looks on a white background.

Color Contrast Check

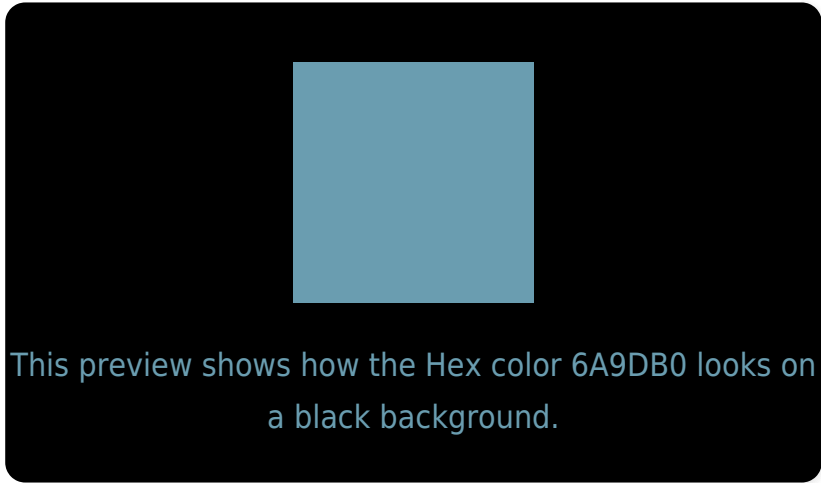
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

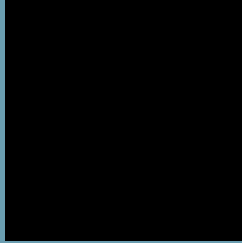
Any Text WCAG AA ✓ Pass

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 6A9DB0 Background



This preview shows how black text looks on a background with the Hex color 6A9DB0.

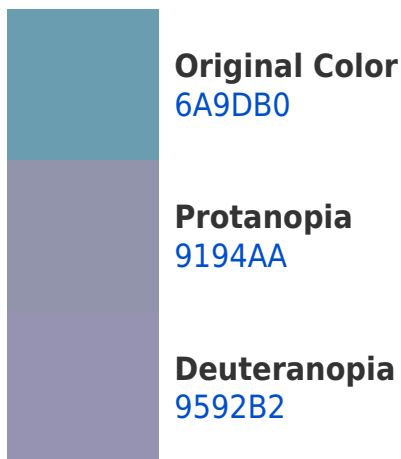


This preview shows how white text looks on a background with the Hex color 6A9DB0.

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](#).

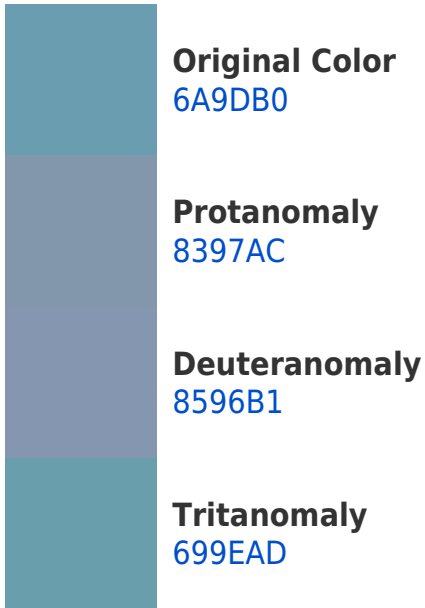
Dichromacy



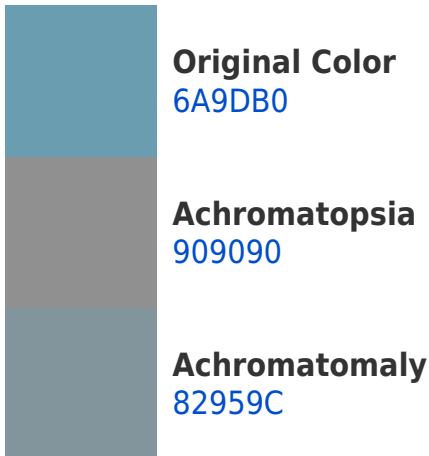


Tritanopia
699EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A9DB0 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 #6A9DB0 looks like.

```
.text, #text, p{  
    color:#6A9DB0  
}
```

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 #6A9DB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A9DB0
}
```

Border

The CSS property to change the border of an element to Hex 6A9DB0 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
#6A9DB0 }
```

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

```
.border{ border-color:#6A9DB0 }
```

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

Here you see how a box with a 4 pixel #6A9DB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A9DB0; -webkit-box-shadow:4px 4px  
4px 4px #6A9DB0; box-shadow:4px 4px 4px  
4px #6A9DB0 }
```

Background

The CSS property to change the background color of an element to Hex 6A9DB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A9DB0 }
```

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

```
.background{ background-color:#6A9DB0 }
```

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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