

Converting Colors

Hex(749DB0)

Have a look what the booklet for
Hex(749DB0) contains.

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Color

Hex(749DB0)

Conversions

Conversions Part 1

Format	Color
Hex	749DB0
RGB	116, 157, 176
RGB Percent	45%, 62%, 69%
CMY	0.5451, 0.3843, 0.3098
CMYK	0.34, 0.11, 0.00, 0.31
HSL	199°, 28%, 57%
HSV	199°, 34%, 69%
XYZ	27.0959, 30.9615, 45.6224
YIQ	146.9070, -30.5350, -2.7830

Conversions

Conversions Part 2

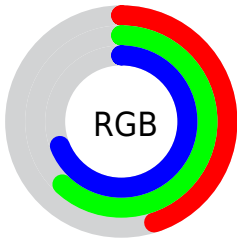
Format	Color
R _Y B	116, 140, 176
Decimal	7642544
CIE _{Lab}	62.48, -9.18, -14.36
CIE _{LCh}	62, 17.042, 237.398
Y _{xy}	30.9615, 0.2613, 0.2986
Android (android.graphics.Color)	4285832624 (0xFF749DB0)
YUV	146.9070, 14.3428, -27.1054
Hunter-Lab	55.6431, -10.4532, -9.6623

Details

The Hex color **749DB0** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B08774**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **AAD4E8**, and **416A7B** is the 20% darker color. If you saturate the color by 10%, you get **6297B0**, and if you desaturate by 10%, it is **86A3B0**.

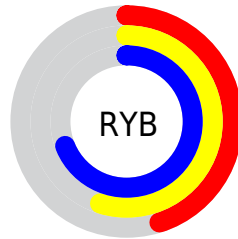
Distribution



Red (45%)

Green (62%)

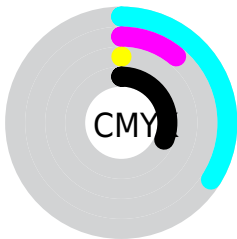
Blue (69%)



Red (45%)

Yellow (55%)

Blue (69%)

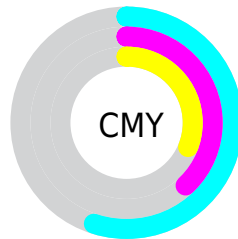


Cyan (34%)

Magenta (11%)

Yellow (0%)

Black (31%)



Cyan (55%)

Magenta (38%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 749DB0 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 749DB0 by changing the saturation by 10% instead.

 749DB0

 749DB0

FFFFFF

 5A8395

 AAD4E8

 416A7B

 C6F0FF

 275263

 E2FFFF

 0A3B4B

 002534

 00101F

 000003

 000000

 749DB0

 749DB0

6297B0

86A3B0

5192B0

97A8B0

3F8CB0

A9AEB0

2E87B0

BAB3B0

1C81B0

CCB9B0

0A7CB0

DEBEB0

0078B0

EFC4B0

FFCAB0

FFCFB0

Harmonies

Analogous

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



6E9FA4



749DB0



8499B5

Triad

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



749DB0



B48D99



949A7C

Complementary

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



749DB0



B08774

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.



A49679



749DB0



B78D8A

Square

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



749DB0



AA8FA8



B1917E



839E86

Rectangle

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



749DB0



9195B4



B1917E



99997A

Sweetspot

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



749DB0



CFDEE6



74B087



656E73



F2F2F2



737373

Same Dimension

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



749DB0



87C8E6



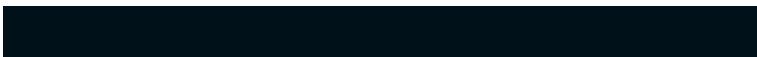
747FB0



505659



006999



00111A

Inverse Universe

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



B0749D



E687C8



B0A574



595056



990069



1A0011

Previews

White Background



This preview shows how the Hex color 749DB0 looks on a white background.

Color Contrast Check

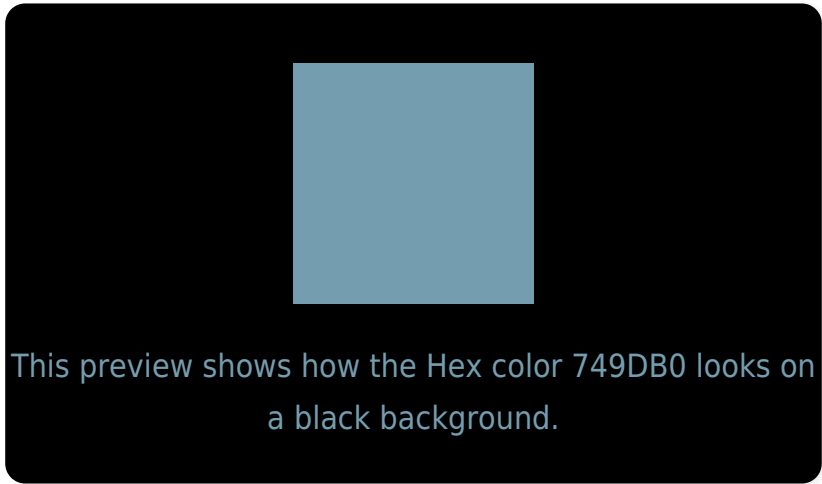
Large Text (above 18pt) WCAG AA × Fail

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

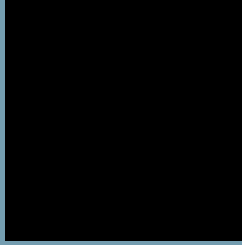
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

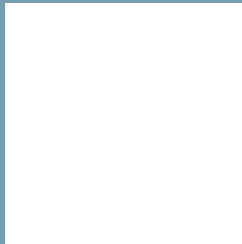
Any Text WCAG AAA ✓ Pass

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

Hex 749DB0 Background



This preview shows how black text looks on a background with the Hex color 749DB0.

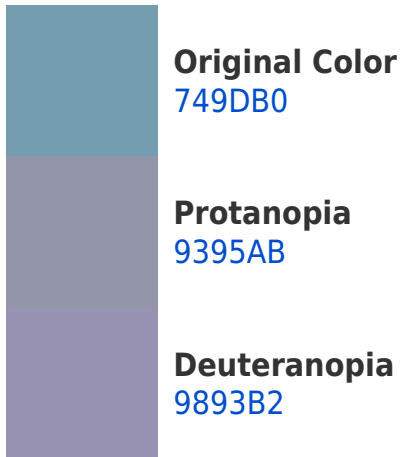



This preview shows how white text looks on a background with the Hex color 749DB0.

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](#).

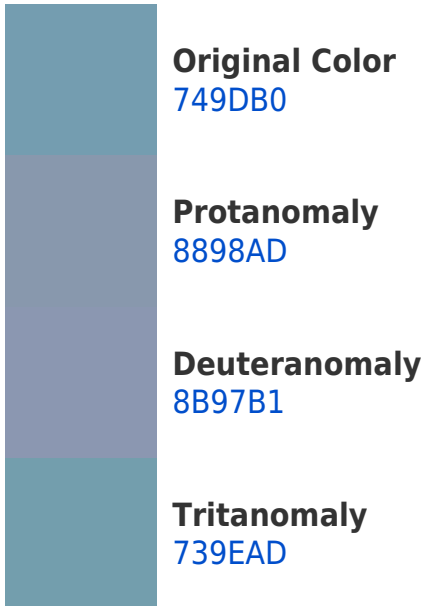
Dichromacy





Tritanopia
739EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 749DB0 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 #749DB0 looks like.

```
.text, #text, p{  
    color:#749DB0  
}
```

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 #749DB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749DB0
}
```

Border

The CSS property to change the border of an element to Hex 749DB0 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
#749DB0 }
```

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

```
.border{ border-color:#749DB0 }
```

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

Here you see how a box with a 4 pixel #749DB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749DB0; -webkit-box-shadow:4px 4px  
4px 4px #749DB0; box-shadow:4px 4px 4px  
4px #749DB0 }
```

Background

The CSS property to change the background color of an element to Hex 749DB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749DB0 }
```

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

```
.background{ background-color:#749DB0 }
```

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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