

Converting Colors

Hex(7299B6)

Have a look what the booklet for
Hex(7299B6) contains.

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Color

Hex(7299B6)

Conversions

Conversions Part 1

Format	Color
Hex	7299B6
RGB	114, 153, 182
RGB Percent	45%, 60%, 71%
CMY	0.5529, 0.4000, 0.2863
CMYK	0.37, 0.16, 0.00, 0.29
HSL	206°, 32%, 58%
HSV	206°, 37%, 71%
XYZ	26.7742, 29.7373, 48.5847
YIQ	144.6450, -32.5530, 0.7510

Conversions

Conversions Part 2

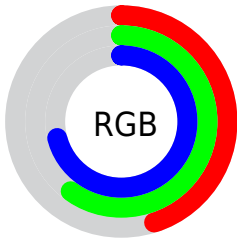
Format	Color
RYB	114, 139, 182
Decimal	7510454
CIELab	61.43, -5.97, -19.34
CIELCh	61, 20.237, 252.837
Yxy	29.7373, 0.2548, 0.2830
Android (android.graphics.Color)	4285700534 (0xFF7299B6)
YUV	144.6450, 18.4160, -26.8757
Hunter-Lab	54.5319, -7.7906, -14.6516

Details

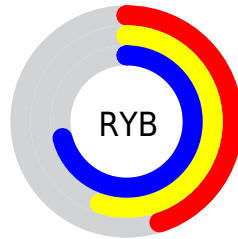
The Hex color **7299B6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **B68F72**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A8CFEE**, and **3E6681** is the 20% darker color. If you saturate the color by 10%, you get **6091B6**, and if you desaturate by 10%, it is **84A1B6**.

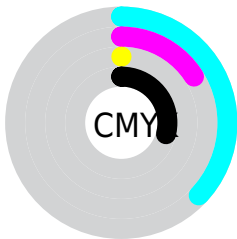
Distribution



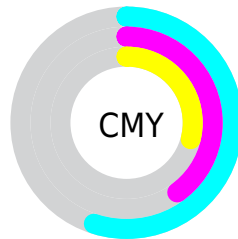
- Red (45%)
- Green (60%)
- Blue (71%)



- Red (45%)
- Yellow (55%)
- Blue (71%)



- Cyan (37%)
- Magenta (16%)
- Yellow (0%)
- Black (29%)



- Cyan (55%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7299B6 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 7299B6 by changing the saturation by 10% instead.

■ 7299B6

■ 7299B6

FFFFFF

■ 587F9B

■ A8CFEE

■ 3E6681

■ C4EBFF

■ 244E68

■ E0FFFF

■ 023750

FDFFFF

■ 002239

■ 000C23

■ 00000B

■ 000000

■ 7299B6

■ 7299B6

6091B6

84A1B6

4E89B6

96A9B6

3B82B6

A9B0B6

297AB6

BBB8B6

1772B6

CDC0B6

056AB6

DFC8B6

0068B6

F1CFB6

FFD7B6

FFDFB6

Harmonies

Analogous

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



639DAC



7299B6



8A93B7

Triad

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



7299B6



B9888D



869B7A

Complementary

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



7299B6



B68F72

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.



9A9671



7299B6



B68A7D

Square

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



7299B6



B2899F



AB9073



729E89

Rectangle

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



7299B6



9A8FB2



AB9073



8C9976

Sweetspot

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



7299B6



D3E2ED



72B68E



687178



F7F7F7



787878

Same Dimension

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



7299B6



82C0ED



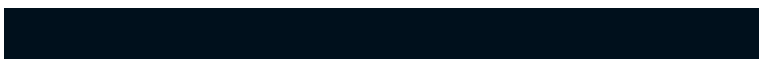
7278B6



53585C



00599C



00101C

Inverse Universe

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



B67299



ED82C0



B6B072



5C5358



9C0059



1C0010

Previews

White Background



This preview shows how the Hex color 7299B6 looks on a white background.

Color Contrast Check

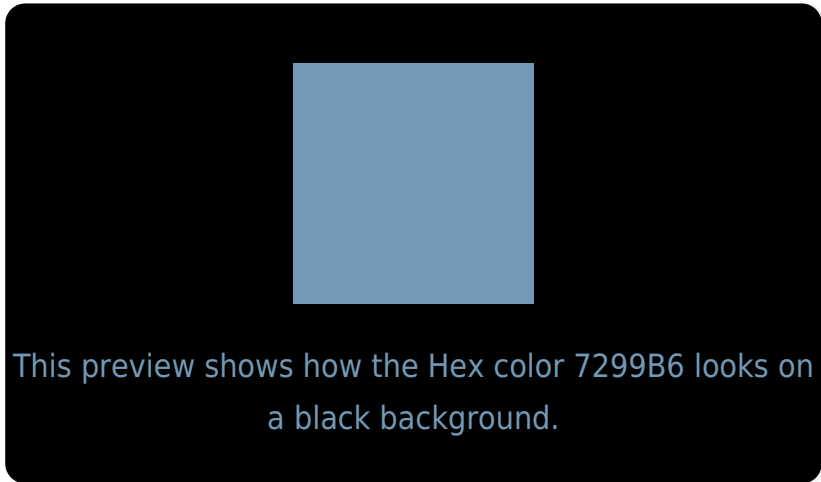
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

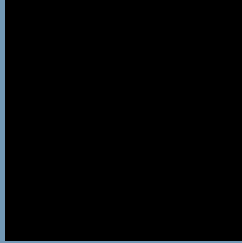
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

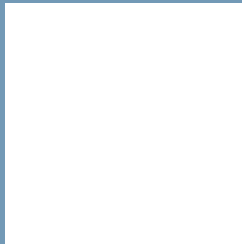
Any Text WCAG AAA × Fail

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

Hex 7299B6 Background



This preview shows how black text looks on a background with the Hex color 7299B6.

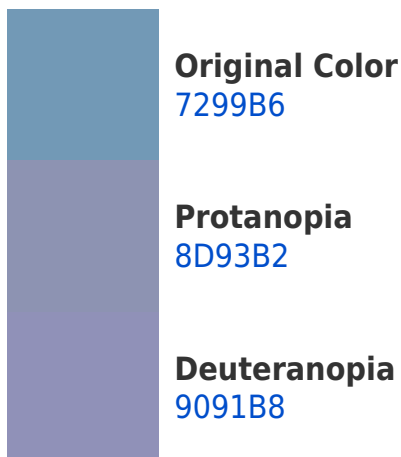



This preview shows how white text looks on a background with the Hex color 7299B6.

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](#).

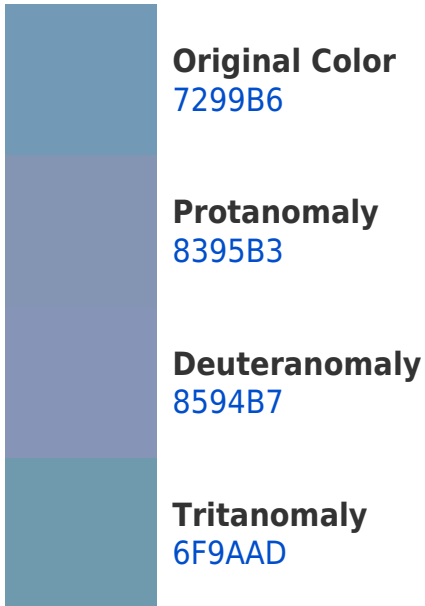
Dichromacy





Tritanopia
6E9BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7299B6 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 #7299B6 looks like.

```
.text, #text, p{  
    color:#7299B6  
}
```

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 #7299B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7299B6
}
```

Border

The CSS property to change the border of an element to Hex 7299B6 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
#7299B6 }
```

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

```
.border{ border-color:#7299B6 }
```

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

Here you see how a box with a 4 pixel #7299B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7299B6; -webkit-box-shadow:4px 4px  
4px 4px #7299B6; box-shadow:4px 4px 4px  
4px #7299B6 }
```

Background

The CSS property to change the background color of an element to Hex 7299B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7299B6 }
```

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

```
.background{ background-color:#7299B6 }
```

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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