

Converting Colors

Hex(299ACB)

Have a look what the booklet for
Hex(299ACB) contains.

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Color

Hex(299ACB)

Conversions

Conversions Part 1

Format	Color
Hex	299ACB
RGB	41, 154, 203
RGB Percent	16%, 60%, 80%
CMY	0.8392, 0.3961, 0.2039
CMYK	0.80, 0.24, 0.00, 0.20
HSL	198°, 66%, 48%
HSV	198°, 80%, 80%
XYZ	23.2495, 27.8944, 60.6587
YIQ	125.7990, -83.0770, -8.7170

Conversions

Conversions Part 2

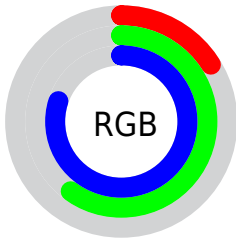
Format	Color
R_{YB}	41, 108, 203
Decimal	2726603
CIE _{Lab}	59.79, -13.99, -33.89
CIE _{LCh}	60, 36.664, 247.562
Yxy	27.8944, 0.2080, 0.2495
Android (android.graphics.Color)	4280916683 (0xFF299ACB)
YUV	125.7990, 38.0601, -74.3687
Hunter-Lab	52.8152, -13.8498, -31.1245

Details

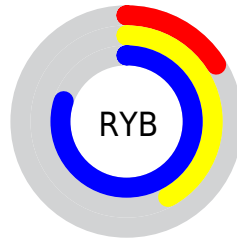
The Hex color **299ACB** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **CB5A29**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **70D0FF**, and **006795** is the 20% darker color. If you saturate the color by 10%, you get **1594CB**, and if you desaturate by 10%, it is **3DA0CB**.

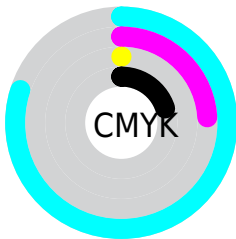
Distribution



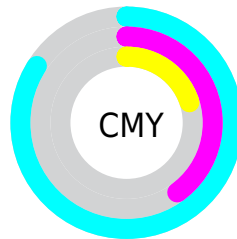
- Red (16%)
- Green (60%)
- Blue (80%)



- Red (16%)
- Yellow (42%)
- Blue (80%)



- Cyan (80%)
- Magenta (24%)
- Yellow (0%)
- Black (20%)



- Cyan (84%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 299ACB 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 299ACB by changing the saturation by 10% instead.

 299ACB

 299ACB

FFFFFF

 0080AF

 70D0FF

 006795

 8FEDFF

 004F7B

 ADFFFF

 003862

 CCFFFF

 002349

 EAFFFF

 000433

 00021D

 000000

 299ACB

 299ACB

■ 1594CB

■ 3DA0CB

■ 008ECB

■ 52A6CB

■ 66ACCB

■ 7AB3CB

■ 8FB9CB

■ A3BFCB

■ B7C5CB

■ CBCBCB

■ E0D1CB

Harmonies

Analogous

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



00A0B6



299ACB



6D91D0

Triad

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



299ACB



CE7689



7A9A5C

Complementary

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



299ACB



CB5A29

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.



9D914F



299ACB



CB7B6A

Square

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



299ACB



BF7AA9



B98655



519F76

Rectangle

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



299ACB



8F89C9



B98655



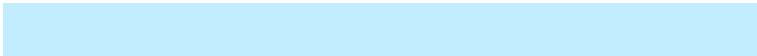
869755

Sweetspot

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



299ACB



C2ECFF



29CB5A



5B7480



000000



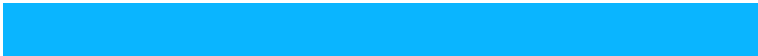
808080

Same Dimension

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



299ACB



0AB5FF



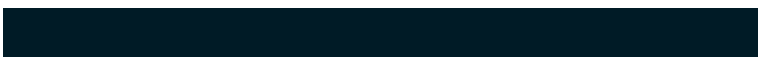
2949CB



5C6366



0074A6



001B26

Inverse Universe

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



CB299A



FF0AB5



CBAB29



665C63



A60074



26001B

Previews

White Background



This preview shows how the Hex color 299ACB looks on a white background.

Color Contrast Check

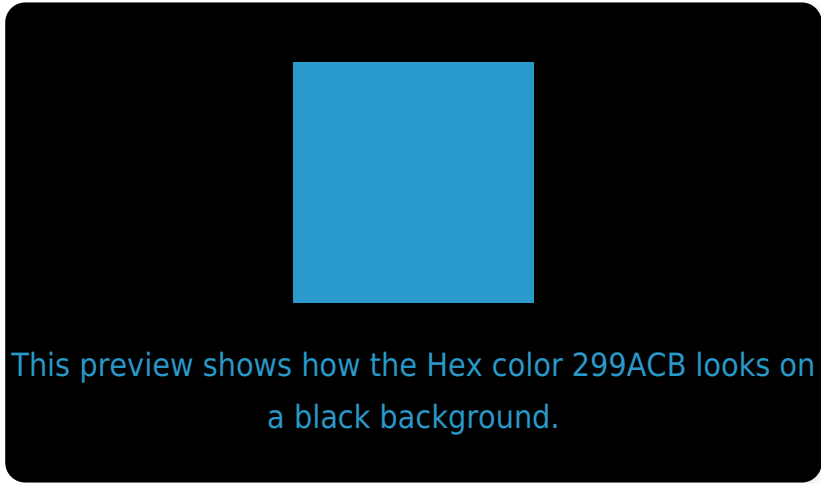
Large Text (above 18pt) WCAG AA ✓ Pass

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 299ACB Background



This preview shows how black text looks on a background with the Hex color 299ACB.

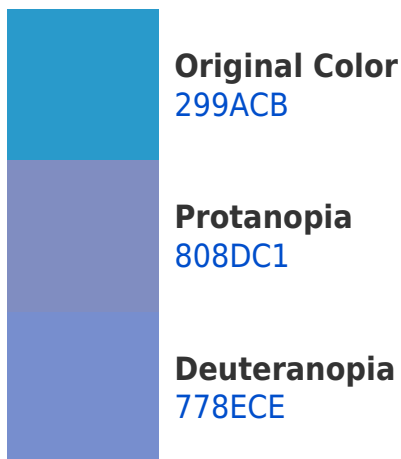


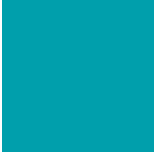
This preview shows how white text looks on a background with the Hex color 299ACB.

Color Blindness Simulation

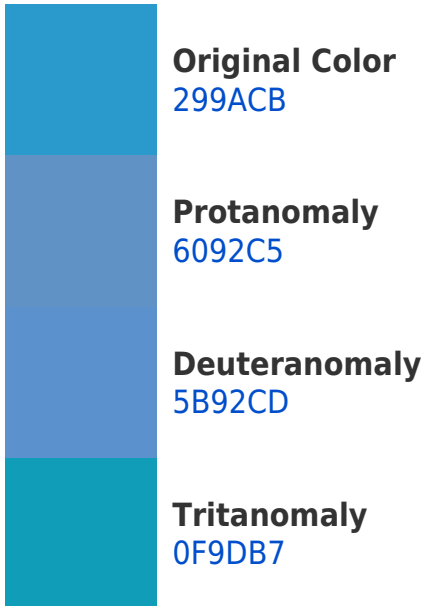
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

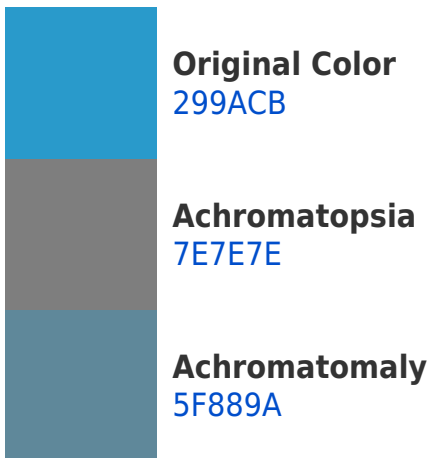




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 299ACB 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 #299ACB looks like.

```
.text, #text, p{  
    color:#299ACB  
}
```

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 #299ACB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #299ACB
}
```

Border

The CSS property to change the border of an element to Hex 299ACB 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
#299ACB }
```

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

```
.border{ border-color:#299ACB }
```

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

Here you see how a box with a 4 pixel #299ACB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #299ACB; -webkit-box-shadow:4px 4px  
4px 4px #299ACB; box-shadow:4px 4px 4px  
4px #299ACB }
```

Background

The CSS property to change the background color of an element to Hex 299ACB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#299ACB }
```

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

```
.background{ background-color:#299ACB }
```

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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