

Converting Colors

Hex(29A8CD)

Have a look what the booklet for
Hex(29A8CD) contains.

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Color

Hex(29A8CD)

Conversions

Conversions Part 1

Format	Color
Hex	29A8CD
RGB	41, 168, 205
RGB Percent	16%, 66%, 80%
CMY	0.8392, 0.3412, 0.1961
CMYK	0.80, 0.18, 0.00, 0.20
HSL	194°, 67%, 48%
HSV	194°, 80%, 80%
XYZ	25.9365, 32.8845, 62.7379
YIQ	134.2450, -87.5690, -15.4170

Conversions

Conversions Part 2

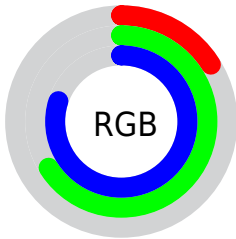
Format	Color
RYP	41, 113, 205
Decimal	2730189
CIELab	64.07, -20.81, -28.38
CIElCh	64, 35.189, 233.752
Yxy	32.8845, 0.2134, 0.2705
Android (android.graphics.Color)	4280920269 (0xFF29A8CD)
YUV	134.2450, 34.8822, -81.7759
Hunter-Lab	57.3450, -19.6200, -24.7244

Details

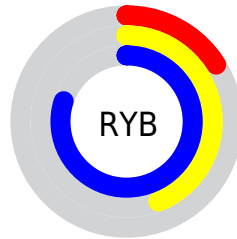
The Hex color **29A8CD** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **CD4E29**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **72DFFF**, and **007497** is the 20% darker color. If you saturate the color by 10%, you get **14A3CD**, and if you desaturate by 10%, it is **3EADCD**.

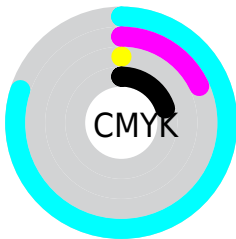
Distribution



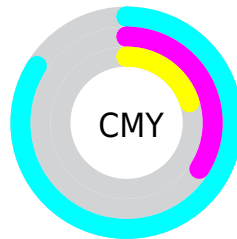
- Red (16%)
- Green (66%)
- Blue (80%)



- Red (16%)
- Yellow (44%)
- Blue (80%)



- Cyan (80%)
- Magenta (18%)
- Yellow (0%)
- Black (20%)



- Cyan (84%)
- Magenta (34%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29A8CD 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 29A8CD by changing the saturation by 10% instead.

 29A8CD

 29A8CD

FFFFFF

 008DB1

 72DFFF

 007497

 91FCFF

 005B7D

 AFFFFFF

 004364

 CEFFFF

 002D4B

 ECFFFF

 001935

 00021F

 000002

 000000

■ 29A8CD

■ 29A8CD

■ 14A3CD

■ 3EADCD

■ 009FCD

■ 52B1CD

■ 67B6CD

■ 7BBBCD

■ 90BFCD

■ A4C4CD

■ B9C8CD

■ CDCDCD

■ E2D2CD

Harmonies

Analogous

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



1AACB3



29A8CD



62A0D9

Triad

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



29A8CD



D383A3



96A161

Complementary

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



29A8CD



CD4E29

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.



B6975D



29A8CD



D88484

Square

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



29A8CD



BD8AC1



CD8C6A



72A875

Rectangle

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



29A8CD



8599D8



CD8C6A



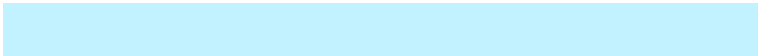
A29E5D

Sweetspot

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



29A8CD



C2F1FF



29CD4D



5B7780



000000



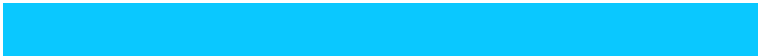
808080

Same Dimension

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



29A8CD



0AC8FF



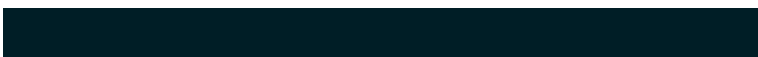
2957CD



5C6466



0080A6



001E26

Inverse Universe

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



CD29A8



FF0AC8



CD9F29



665C64



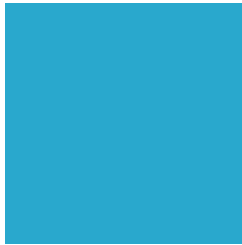
A60080



26001E

Previews

White Background



This preview shows how the Hex color 29A8CD 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 29A8CD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

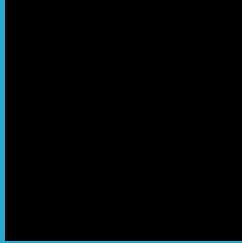
Any Text WCAG AA ✓ Pass

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 29A8CD Background



This preview shows how black text looks on a background with the Hex color 29A8CD.

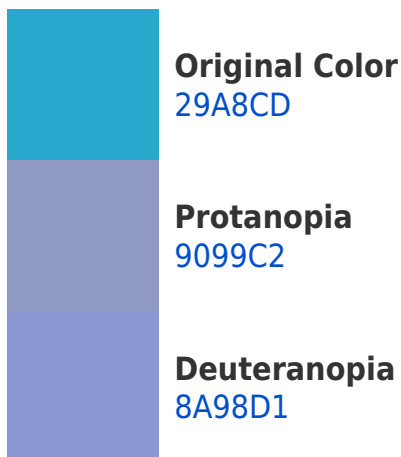


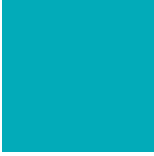
This preview shows how white text looks on a background with the Hex color 29A8CD.

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](#).

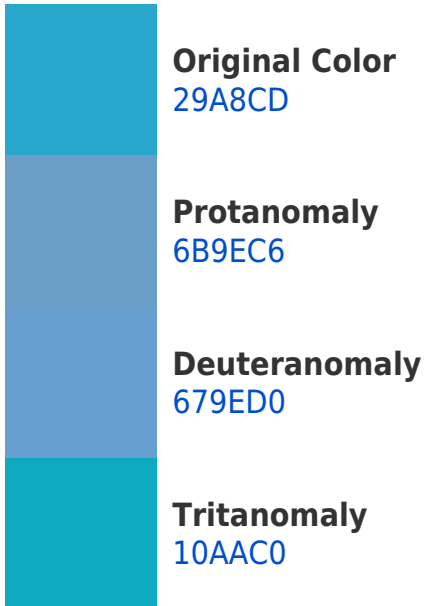
Dichromacy





Tritanopia
02ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 29A8CD 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 #29A8CD looks like.

```
.text, #text, p{  
    color:#29A8CD  
}
```

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 #29A8CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29A8CD
}
```

Border

The CSS property to change the border of an element to Hex 29A8CD 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
#29A8CD }
```

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

```
.border{ border-color:#29A8CD }
```

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

Here you see how a box with a 4 pixel #29A8CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29A8CD; -webkit-box-shadow:4px 4px  
4px 4px #29A8CD; box-shadow:4px 4px 4px  
4px #29A8CD }
```

Background

The CSS property to change the background color of an element to Hex 29A8CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29A8CD }
```

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

```
.background{ background-color:#29A8CD }
```

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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