

Converting Colors

Hex(29A7CD)

Have a look what the booklet for
Hex(29A7CD) contains.

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Color

Hex(29A7CD)

Conversions

Conversions Part 1

Format	Color
Hex	29A7CD
RGB	41, 167, 205
RGB Percent	16%, 65%, 80%
CMY	0.8392, 0.3451, 0.1961
CMYK	0.80, 0.19, 0.00, 0.20
HSL	194°, 67%, 48%
HSV	194°, 80%, 80%
XYZ	25.7526, 32.5166, 62.6766
YIQ	133.6580, -87.2940, -14.8940

Conversions

Conversions Part 2

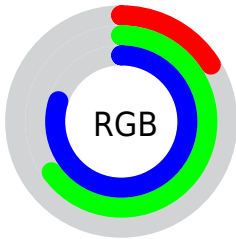
Format	Color
R_{YB}	41, 112, 205
Decimal	2729933
CIE _{Lab}	63.77, -20.28, -28.84
CIE _{LCh}	64, 35.259, 234.882
Yxy	32.5166, 0.2129, 0.2689
Android (android.graphics.Color)	4280920013 (0xFF29A7CD)
YUV	133.6580, 35.1716, -81.2611
Hunter-Lab	57.0234, -19.1776, -25.2517

Details

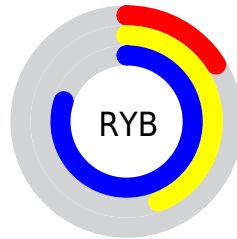
The Hex color **29A7CD** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **CD4F29**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **72DEFF**, and **007397** is the 20% darker color. If you saturate the color by 10%, you get **14A2CD**, and if you desaturate by 10%, it is **3EACCD**.

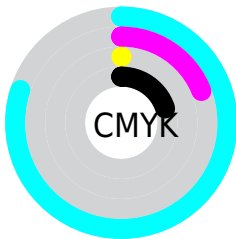
Distribution



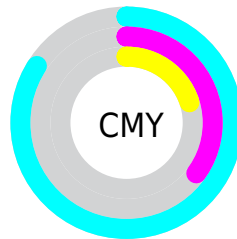
- Red (16%)
- Green (65%)
- Blue (80%)



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



- Cyan (80%)
- Magenta (19%)
- Yellow (0%)
- Black (20%)



- Cyan (84%)
- Magenta (35%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29A7CD 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 29A7CD by changing the saturation by 10% instead.

■ 29A7CD

■ 29A7CD

FFFFFF

■ 008DB1

■ 72DEFF

■ 007397

■ 91FBFF

■ 005A7D

■ AFFFFFF

■ 004364

■ CEFFFF

■ 002C4B

■ ECFFFF

■ 001835

■ 00021F

■ 000002

■ 000000

■ 29A7CD

■ 29A7CD

■ 14A2CD

■ 3EACCD

■ 009ECD

■ 52B1CD

■ 67B5CD

■ 7BBACD

■ 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.



15ABB4



29A7CD



639FD9

Triad

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



29A7CD



D382A1



94A160

Complementary

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



29A7CD



CD4F29

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.



B4975C



29A7CD



D78482

Square

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



29A7CD



BD89BF



CC8C68



70A775

Rectangle

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



29A7CD



8698D7



CC8C68



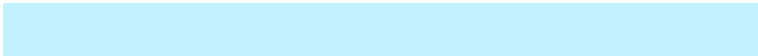
A09E5D

Sweetspot

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



29A7CD



C2F1FF



29CD4D



5B7780



000000



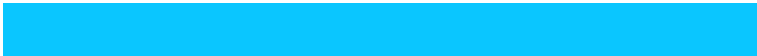
808080

Same Dimension

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



29A7CD



0AC6FF



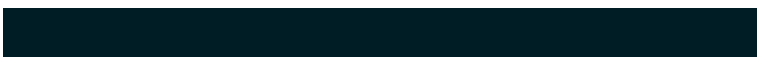
2957CD



5C6466



007FA6



001D26

Inverse Universe

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



CD29A7



FF0AC6



CD9F29



665C64



A6007F



26001D

Previews

White Background



This preview shows how the Hex color 29A7CD 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 29A7CD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

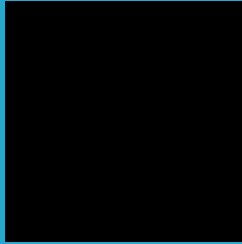
Any Text WCAG AA ✓ Pass

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 29A7CD Background



This preview shows how black text looks on a background with the Hex color 29A7CD.

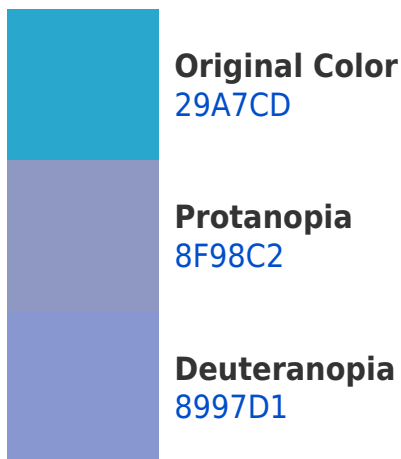


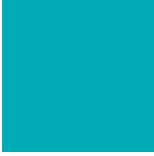
This preview shows how white text looks on a background with the Hex color 29A7CD.

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](#).

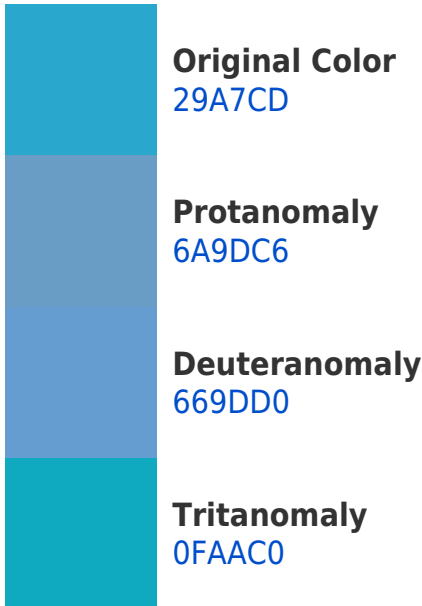
Dichromacy



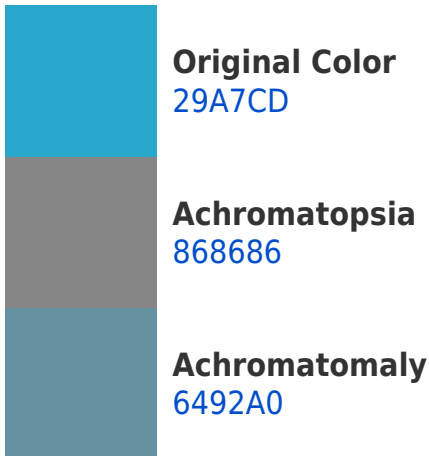


Tritanopia
00ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 29A7CD 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 #29A7CD looks like.

```
.text, #text, p{  
    color:#29A7CD  
}
```

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 #29A7CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29A7CD
}
```

Border

The CSS property to change the border of an element to Hex 29A7CD 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
#29A7CD }
```

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

```
.border{ border-color:#29A7CD }
```

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

Here you see how a box with a 4 pixel #29A7CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29A7CD; -webkit-box-shadow:4px 4px  
4px 4px #29A7CD; box-shadow:4px 4px 4px  
4px #29A7CD }
```

Background

The CSS property to change the background color of an element to Hex 29A7CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29A7CD }
```

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

```
.background{ background-color:#29A7CD }
```

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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