

Converting Colors

Hex(28A2DB)

Have a look what the booklet for
Hex(28A2DB) contains.

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Color

Hex(28A2DB)

Conversions

Conversions Part 1

Format	Color
Hex	28A2DB
RGB	40, 162, 219
RGB Percent	16%, 64%, 86%
CMY	0.8431, 0.3647, 0.1412
CMYK	0.82, 0.26, 0.00, 0.14
HSL	199°, 71%, 51%
HSV	199°, 82%, 86%
XYZ	26.5816, 31.4063, 71.6788
YIQ	132.0200, -91.0090, -8.1370

Conversions

Conversions Part 2

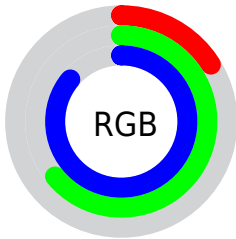
Format	Color
R _Y B	40, 113, 219
Decimal	2663131
CIE Lab	62.85, -12.89, -38.04
CIE LCh	63, 40.161, 251.280
Yxy	31.4063, 0.2050, 0.2422
Android (android.graphics.Color)	4280853211 (0xFF28A2DB)
YUV	132.0200, 42.8811, -80.7015
Hunter-Lab	56.0413, -13.4058, -36.6052

Details

The Hex color **28A2DB** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **DB6128**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **73D9FF**, and **006EA4** is the 20% darker color. If you saturate the color by 10%, you get **129BDB**, and if you desaturate by 10%, it is **3EA9DB**.

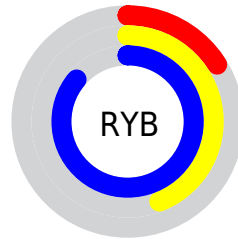
Distribution



Red (16%)

Green (64%)

Blue (86%)



Red (16%)

Yellow (44%)

Blue (86%)

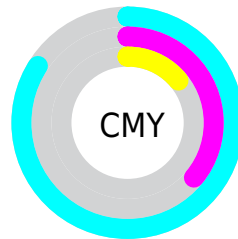


Cyan (82%)

Magenta (26%)

Yellow (0%)

Black (14%)



Cyan (84%)

Magenta (36%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28A2DB 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 28A2DB by changing the saturation by 10% instead.

 28A2DB

 28A2DB

FFFFFF

 0088BF

 73D9FF

 006EA4

 93F5FF

 005689

 B2FFFF

 003F70

 D0FFFF

 002957

 EFFFFFF

 00163F

 000329

 000112

 000000

■ 28A2DB

■ 28A2DB

■ 129BDB

■ 3EA9DB

■ 0095DB

■ 54B0DB

■ 6AB7DB

■ 80BEDB

■ 95C5DB

■ ABCCDB

■ C1D3DB

■ D7DADB

■ EDE1DB

Harmonies

Analogous

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



00A9C6



28A2DB



7897DE

Triad

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



28A2DB



DC7B8C



7AA461

Complementary

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



28A2DB



DB6128

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.



A19A50



28A2DB



D7826B

Square

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



28A2DB



CF7EB0



C18E54



4AA980

Rectangle

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



28A2DB



9D8ED5



C18E54



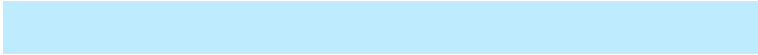
88A159

Sweetspot

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



28A2DB



BFEBFF



28DB61



597380



000000



808080

Same Dimension

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



28A2DB



05AFFF



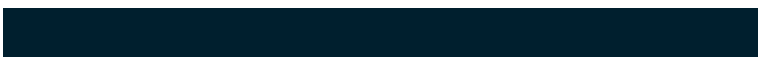
2849DB



636A6E



0076AD



001F2E

Inverse Universe

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



DB28A2



FF05AF



DBBA28



6E636A



AD0076



2E001F

Previews

White Background



This preview shows how the Hex color 28A2DB looks on a white background.

Color Contrast Check

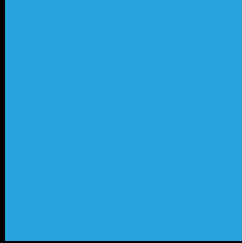
Large Text (above 18pt) WCAG AA × Fail

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 28A2DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

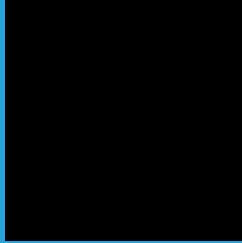
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

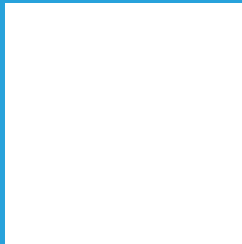
Any Text WCAG AAA ✓ Pass

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

Hex 28A2DB Background



This preview shows how black text looks on a background with the Hex color 28A2DB.

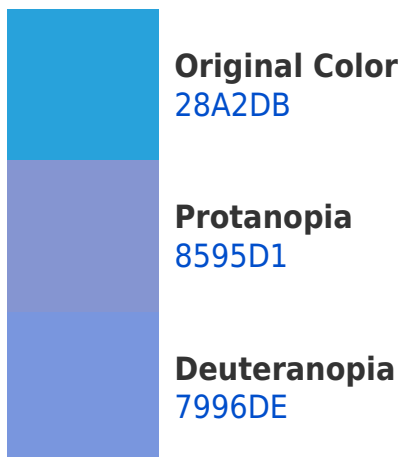


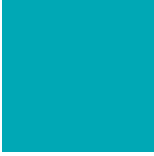
This preview shows how white text looks on a background with the Hex color 28A2DB.

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](#).

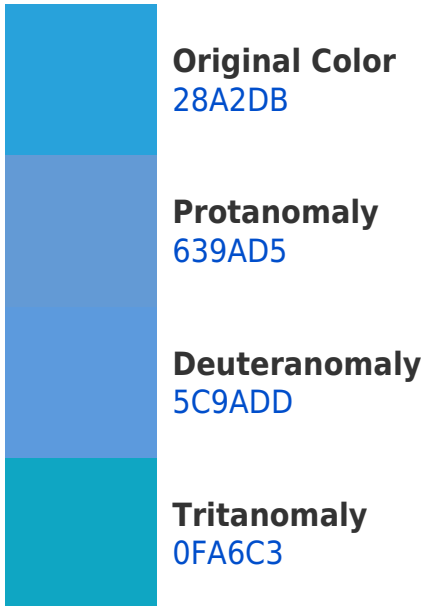
Dichromacy



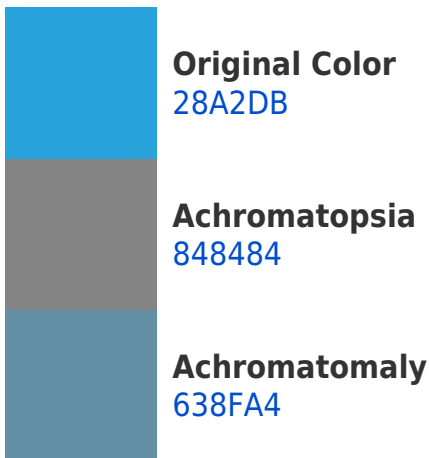


Tritanopia
00A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 28A2DB 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 #28A2DB looks like.

```
.text, #text, p{  
    color:#28A2DB  
}
```

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 #28A2DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28A2DB
}
```

Border

The CSS property to change the border of an element to Hex 28A2DB 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
#28A2DB }
```

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

```
.border{ border-color:#28A2DB }
```

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

Here you see how a box with a 4 pixel #28A2DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28A2DB; -webkit-box-shadow:4px 4px  
4px 4px #28A2DB; box-shadow:4px 4px 4px  
4px #28A2DB }
```

Background

The CSS property to change the background color of an element to Hex 28A2DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28A2DB }
```

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

```
.background{ background-color:#28A2DB }
```

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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