

Converting Colors

Hex(2D82AB)

Have a look what the booklet for
Hex(2D82AB) contains.

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Color

Hex(2D82AB)

Conversions

Conversions Part 1

Format	Color
Hex	2D82AB
RGB	45, 130, 171
RGB Percent	18%, 51%, 67%
CMY	0.8235, 0.4902, 0.3294
CMYK	0.74, 0.24, 0.00, 0.33
HSL	200°, 58%, 42%
HSV	200°, 74%, 67%
XYZ	16.4155, 19.4634, 41.4197
YIQ	109.2590, -63.8210, -5.2690

Conversions

Conversions Part 2

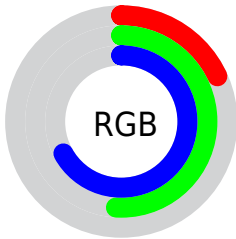
Format	Color
RYB	45, 96, 171
Decimal	2982571
CIELab	51.23, -11.32, -29.01
CIElCh	51, 31.139, 248.689
Yxy	19.4634, 0.2124, 0.2518
Android (android.graphics.Color)	4281172651 (0xFF2D82AB)
YUV	109.2590, 30.4383, -56.3551
Hunter-Lab	44.1174, -10.7879, -24.7824

Details

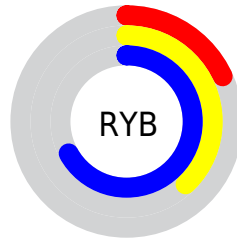
The Hex color **2D82AB** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AB562D**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **6CB7E3**, and **005177** is the 20% darker color. If you saturate the color by 10%, you get **1C7CAB**, and if you desaturate by 10%, it is **3E88AB**.

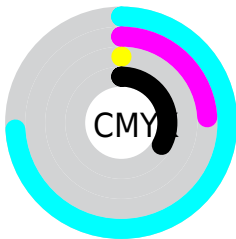
Distribution



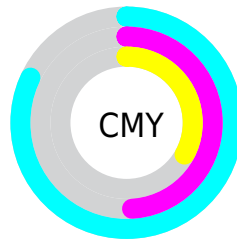
- Red (18%)
- Green (51%)
- Blue (67%)



- Red (18%)
- Yellow (38%)
- Blue (67%)



- Cyan (74%)
- Magenta (24%)
- Yellow (0%)
- Black (33%)



- Cyan (82%)
- Magenta (49%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D82AB 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 2D82AB by changing the saturation by 10% instead.

■ 2D82AB

■ 2D82AB

FFFFFF

■ 006990

■ 6CB7E3

■ 005177

■ 89D2FF

■ 003A5E

■ A6EFFF

■ 002446

■ C3FFFF

■ 000C2F

■ E1FFFF

■ 00011A

■ 000000

■ 2D82AB

■ 2D82AB

■ 1C7CAB

■ 3E88AB

■ 0B77AB

■ 4F8DAB

■ 0073AB

■ 6093AB

■ 7198AB

■ 839EAB

■ 94A3AB

■ A5A9AB

■ B6AFAB

■ C7B4AB

Harmonies

Analogous

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



00879A



2D82AB



607AAE

Triad

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



2D82AB



AD6573



678250

Complementary

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



2D82AB



AB562D

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.



847B45



2D82AB



AA695A

Square

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



2D82AB



A2688E



9B7249



458766

Rectangle

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



2D82AB



7B74A9



9B7249



71804A

Sweetspot

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



2D82AB



ADCEDE



2DAB55



536770



F0F0F0



707070

Same Dimension

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



2D82AB



1B9EDE



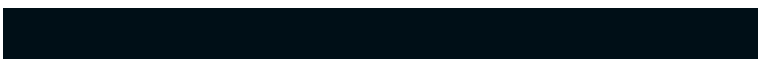
2D44AB



4E5457



006596



000F17

Inverse Universe

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



AB2D82



DE1B9E



AB942D



574E54



960065



17000F

Previews

White Background



This preview shows how the Hex color 2D82AB looks on a white background.

Color Contrast Check

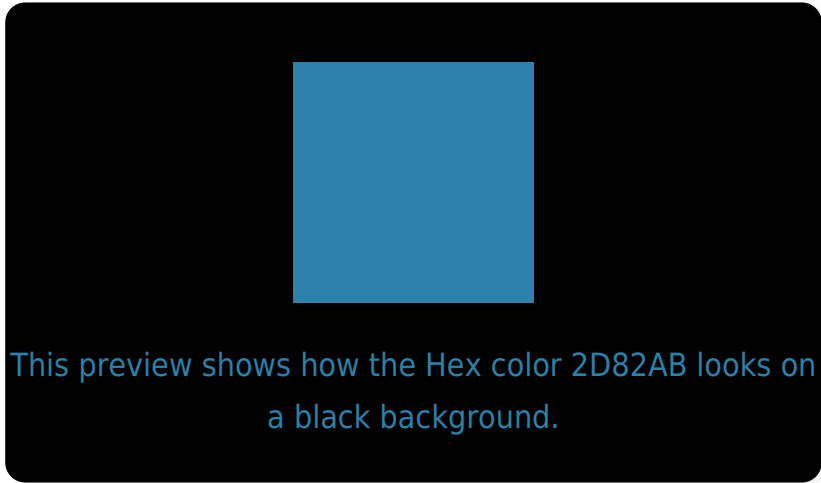
Large Text (above 18pt) WCAG AA ✓ Pass

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

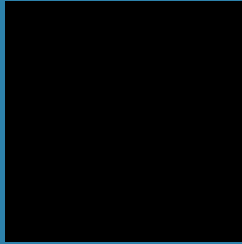
Any Text WCAG AA ✓ Pass

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 2D82AB Background



This preview shows how black text looks on a background with the Hex color 2D82AB.

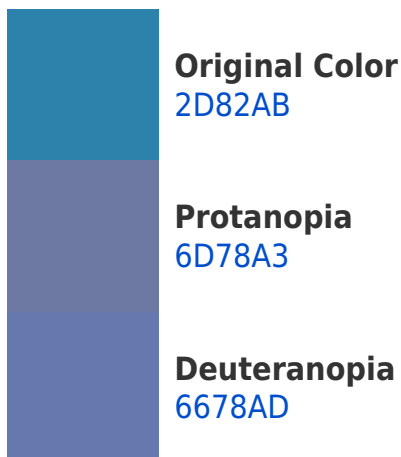


This preview shows how white text looks on a background with the Hex color 2D82AB.

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](#).

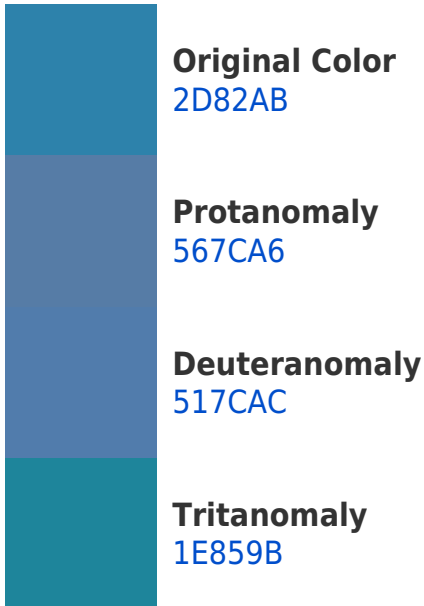
Dichromacy



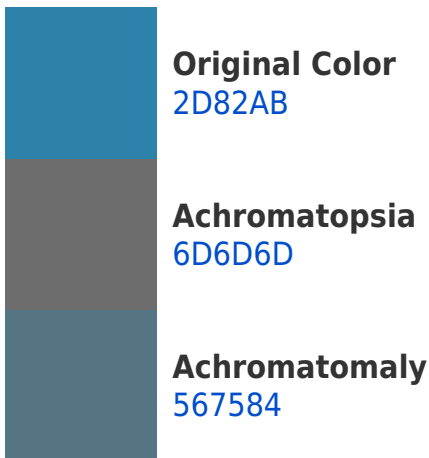


Tritanopia
158792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D82AB 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 #2D82AB looks like.

```
.text, #text, p{  
    color:#2D82AB  
}
```

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 #2D82AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D82AB
}
```

Border

The CSS property to change the border of an element to Hex 2D82AB 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
#2D82AB }
```

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

```
.border{ border-color:#2D82AB }
```

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

Here you see how a box with a 4 pixel #2D82AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D82AB; -webkit-box-shadow:4px 4px  
4px 4px #2D82AB; box-shadow:4px 4px 4px  
4px #2D82AB }
```

Background

The CSS property to change the background color of an element to Hex 2D82AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D82AB }
```

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

```
.background{ background-color:#2D82AB }
```

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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