

Converting Colors

Hex(2D8CA5)

Have a look what the booklet for
Hex(2D8CA5) contains.

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Color

Hex(2D8CA5)

Conversions

Conversions Part 1

Format	Color
Hex	2D8CA5
RGB	45, 140, 165
RGB Percent	18%, 55%, 65%
CMY	0.8235, 0.4510, 0.3529
CMYK	0.73, 0.15, 0.00, 0.35
HSL	192°, 57%, 41%
HSV	192°, 73%, 65%
XYZ	17.2518, 22.0307, 38.9404
YIQ	114.4450, -64.6450, -12.3650

Conversions

Conversions Part 2

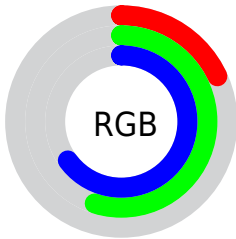
Format	Color
R_{YB}	45, 98, 165
Decimal	2985125
CIE _{Lab}	54.06, -18.88, -21.17
CIE _{LCh}	54, 28.369, 228.269
Yxy	22.0307, 0.2205, 0.2816
Android (android.graphics.Color)	4281175205 (0xFF2D8CA5)
YUV	114.4450, 24.9236, -60.9033
Hunter-Lab	46.9368, -16.5312, -16.3332

Details

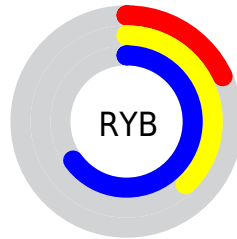
The Hex color **2D8CA5** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A5462D**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **6CC2DC**, and **005A71** is the 20% darker color. If you saturate the color by 10%, you get **1D89A5**, and if you desaturate by 10%, it is **3E8FA5**.

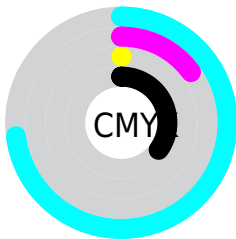
Distribution



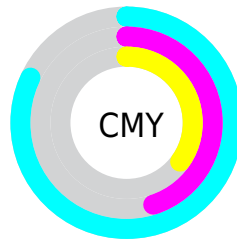
- Red (18%)
- Green (55%)
- Blue (65%)



- Red (18%)
- Yellow (38%)
- Blue (65%)



- Cyan (73%)
- Magenta (15%)
- Yellow (0%)
- Black (35%)



- Cyan (82%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D8CA5 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 2D8CA5 by changing the saturation by 10% instead.

■ 2D8CA5

■ 2D8CA5

FFFFFF

■ 00728B

■ 6CC2DC

■ 005A71

■ 89DEF9

■ 004259

■ A6FAFF

■ 002C41

■ C3FFFF

■ 00182B

■ E0FFFF

■ 000116

FEFFFF

■ 000000

■ 2D8CA5

■ 2D8CA5

■ 1D89A5

■ 3E8FA5

0C85A5

4E93A5

0083A5

5E96A5

6F9AA5

809DA5

90A1A5

A1A4A5

B1A7A5

C2ABA5

Harmonies

Analogous

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



2D8E90



2D8CA5



5086B1

Triad

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



2D8CA5



AB708C



838452

Complementary

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



2D8CA5



A5462D

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.



9A7C51



2D8CA5



B26F73

Square

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



2D8CA5



9776A2



AB745E



678A60

Rectangle

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



2D8CA5



6A81B1



AB745E



8B8250

Sweetspot

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



2D8CA5



A7CCD6



2DA545



4F656B



EBEBEB



6B6B6B

Same Dimension

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



2D8CA5



1CAFD6



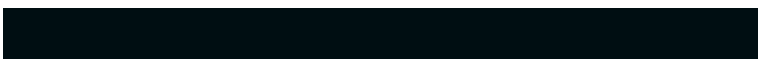
2D51A5



495052



007391



000E12

Inverse Universe

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



A52D8C



D61CAF



A5812D



524950



910073



12000E

Previews

White Background



This preview shows how the Hex color 2D8CA5 looks on a white background.

Color Contrast Check

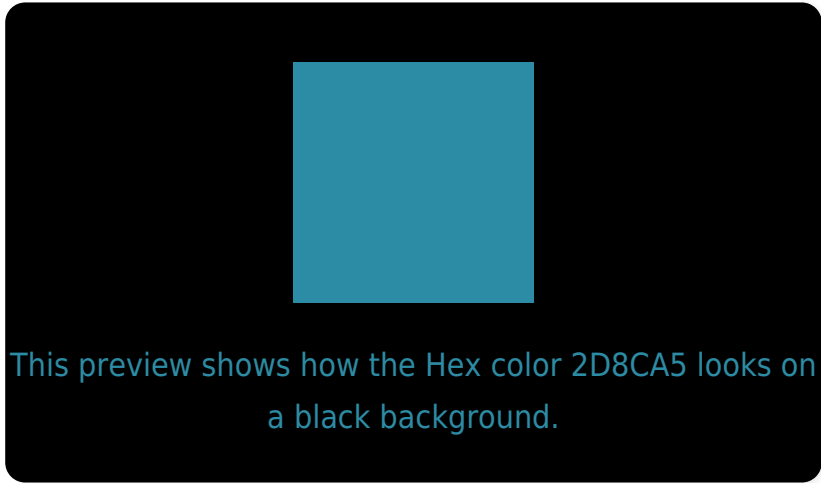
Large Text (above 18pt) WCAG AA ✓ Pass

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

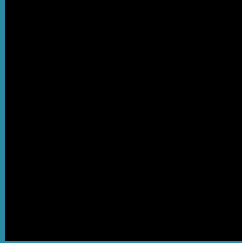
Any Text WCAG AA ✓ Pass

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 2D8CA5 Background



This preview shows how black text looks on a background with the Hex color 2D8CA5.

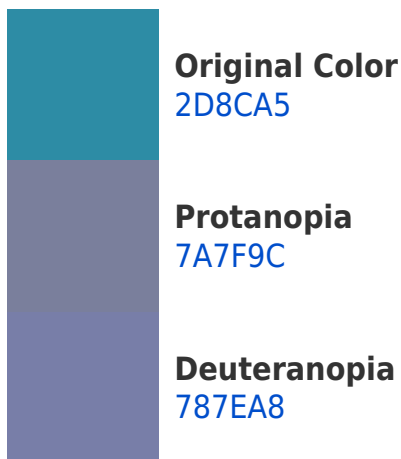


This preview shows how white text looks on a background with the Hex color 2D8CA5.

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](#).

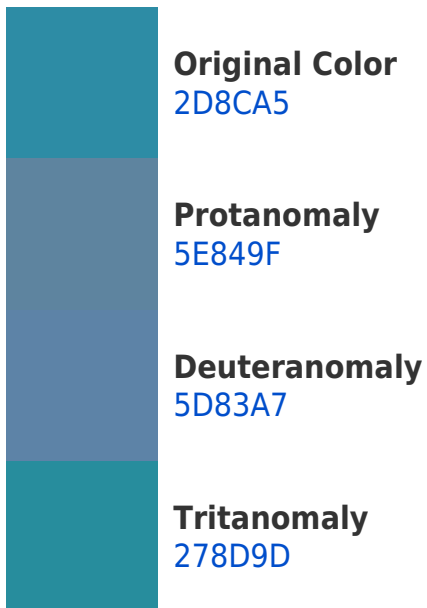
Dichromacy



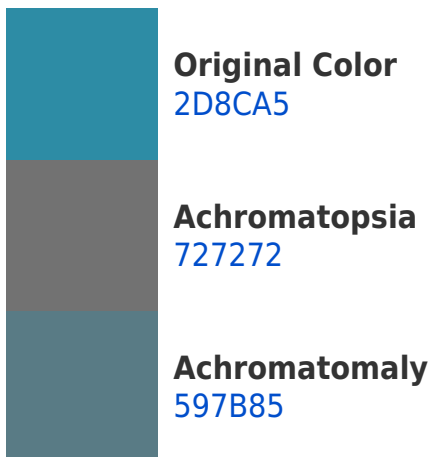


Tritanopia
248E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D8CA5 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 #2D8CA5 looks like.

```
.text, #text, p{  
    color:#2D8CA5  
}
```

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 #2D8CA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D8CA5
}
```

Border

The CSS property to change the border of an element to Hex 2D8CA5 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
#2D8CA5 }
```

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

```
.border{ border-color:#2D8CA5 }
```

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

Here you see how a box with a 4 pixel #2D8CA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D8CA5; -webkit-box-shadow:4px 4px  
4px 4px #2D8CA5; box-shadow:4px 4px 4px  
4px #2D8CA5 }
```

Background

The CSS property to change the background color of an element to Hex 2D8CA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D8CA5 }
```

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

```
.background{ background-color:#2D8CA5 }
```

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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