

Converting Colors

Hex(2897C2)

Have a look what the booklet for
Hex(2897C2) contains.

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Color

Hex(2897C2)

Conversions

Conversions Part 1

Format	Color
Hex	2897C2
RGB	40, 151, 194
RGB Percent	16%, 59%, 76%
CMY	0.8431, 0.4078, 0.2392
CMYK	0.79, 0.22, 0.00, 0.24
HSL	197°, 66%, 46%
HSV	197°, 79%, 76%
XYZ	21.6793, 26.4794, 55.0073
YIQ	122.7130, -79.9590, -10.1590

Conversions

Conversions Part 2

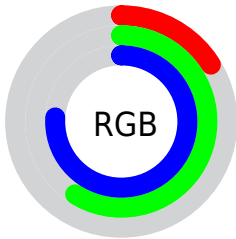
Format	Color
R_{YB}	40, 105, 194
Decimal	2660290
CIE _{Lab}	58.49, -15.58, -30.86
CIE _{LCh}	58, 34.568, 243.213
Y _{xy}	26.4794, 0.2101, 0.2567
Android (android.graphics.Color)	4280850370 (0xFF2897C2)
YUV	122.7130, 35.1445, -72.5393
Hunter-Lab	51.4581, -14.8497, -27.3587

Details

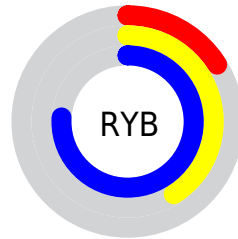
The Hex color **2897C2** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark muted azure. A complement of this color would be **C25328**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **6ECDFB**, and **00648C** is the 20% darker color. If you saturate the color by 10%, you get **1592C2**, and if you desaturate by 10%, it is **3B9CC2**.

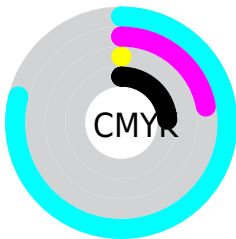
Distribution



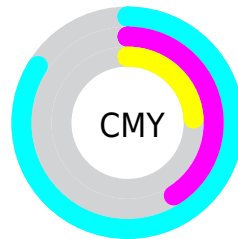
- Red (16%)
- Green (59%)
- Blue (76%)



- Red (16%)
- Yellow (41%)
- Blue (76%)



- Cyan (79%)
- Magenta (22%)
- Yellow (0%)
- Black (24%)



- Cyan (84%)
- Magenta (41%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2897C2 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 2897C2 by changing the saturation by 10% instead.

■ 2897C2

■ 2897C2

FFFFFF

■ 007DA7

■ 6ECDFB

■ 00648C

■ 8DE9FF

■ 004C72

■ ABFFFF

■ 00355A

■ C9FFFF

■ 002142

■ E7FFFF

■ 00032C

■ 000116

■ 000000

■ 2897C2

■ 2897C2

■ 1592C2

■ 3B9CC2

■ 018CC2

■ 4FA2C2

■ 008CC2

■ 62A7C2

■ 76ADC2

■ 89B2C2

■ 9CB8C2

■ B0BDC2

■ C3C2C2

■ D7C8C2

Harmonies

Analogous

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



009CAD



2897C2



658FC9

Triad

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



2897C2



C6758B



7D9559

Complementary

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



2897C2



C25328

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.



9D8C4F



2897C2



C5786D

Square

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



2897C2



B579A8



B68157



589A70

Rectangle

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



2897C2



8687C4



B68157



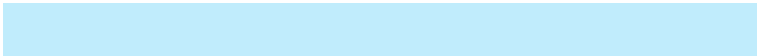
889254

Sweetspot

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



2897C2



C0ECFC



28C251



5B7580



000000



808080

Same Dimension

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



2897C2



0DB9FC



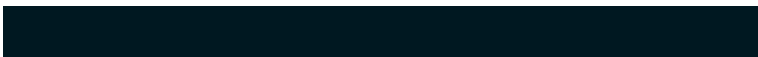
284CC2



575E61



0074A1



001821

Inverse Universe

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



C22897



FC0DB9



C29E28



61575E



A10074



210018

Previews

White Background



This preview shows how the Hex color 2897C2 looks on a white background.

Color Contrast Check

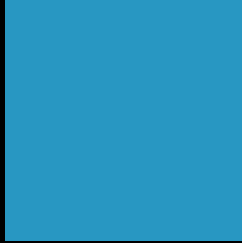
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2897C2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

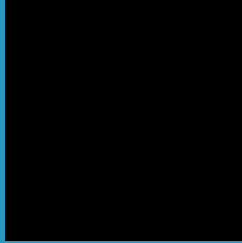
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 2897C2 Background



This preview shows how black text looks on a background with the Hex color 2897C2.

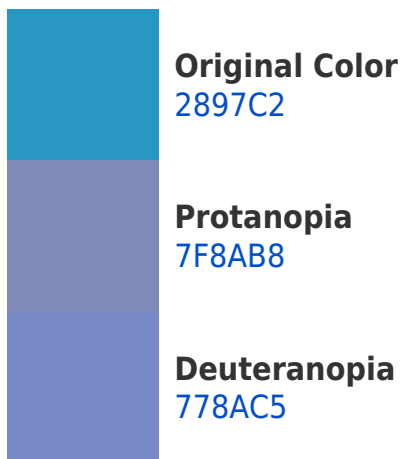


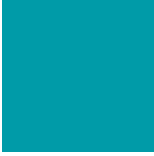
This preview shows how white text looks on a background with the Hex color 2897C2.

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](#).

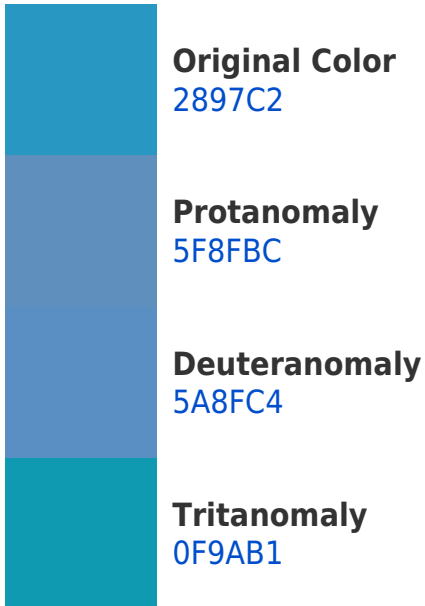
Dichromacy



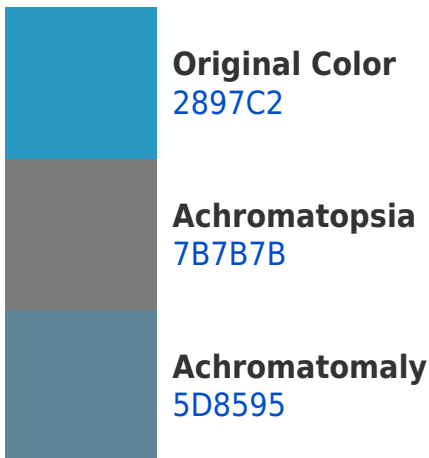


Tritanopia
009BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2897C2 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 #2897C2 looks like.

```
.text, #text, p{  
    color:#2897C2  
}
```

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 #2897C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2897C2
}
```

Border

The CSS property to change the border of an element to Hex 2897C2 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
#2897C2 }
```

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

```
.border{ border-color:#2897C2 }
```

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

Here you see how a box with a 4 pixel #2897C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2897C2; -webkit-box-shadow:4px 4px  
4px 4px #2897C2; box-shadow:4px 4px 4px  
4px #2897C2 }
```

Background

The CSS property to change the background color of an element to Hex 2897C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2897C2 }
```

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

```
.background{ background-color:#2897C2 }
```

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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