

Converting Colors

Hex(297DA2)

Have a look what the booklet for
Hex(297DA2) contains.

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Color

Hex(297DA2)

Conversions

Conversions Part 1

Format	Color
Hex	297DA2
RGB	41, 125, 162
RGB Percent	16%, 49%, 64%
CMY	0.8392, 0.5098, 0.3647
CMYK	0.75, 0.23, 0.00, 0.36
HSL	198°, 60%, 40%
HSV	198°, 75%, 64%
XYZ	14.7697, 17.7473, 36.8295
YIQ	104.1020, -61.9410, -6.3010

Conversions

Conversions Part 2

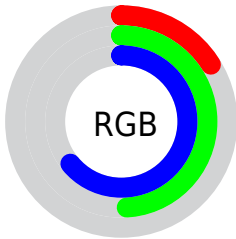
Format	Color
R _Y B	41, 91, 162
Decimal	2719138
CIE Lab	49.19, -12.17, -26.96
CIE LCh	49, 29.578, 245.699
Yxy	17.7473, 0.2130, 0.2559
Android (android.graphics.Color)	4280909218 (0xFF297DA2)
YUV	104.1020, 28.5437, -55.3405
Hunter-Lab	42.1275, -11.1422, -22.3444

Details

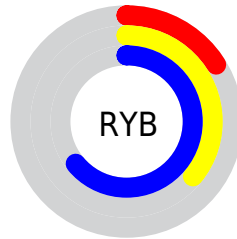
The Hex color **297DA2** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **A24E29**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **68B2D9**, and **004C6E** is the 20% darker color. If you saturate the color by 10%, you get **1978A2**, and if you desaturate by 10%, it is **3982A2**.

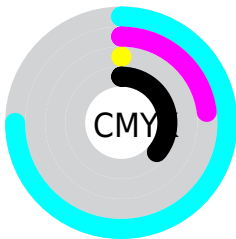
Distribution



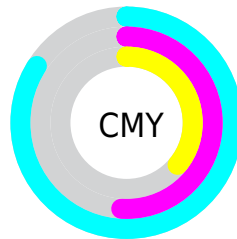
- Red (16%)
- Green (49%)
- Blue (64%)



- Red (16%)
- Yellow (36%)
- Blue (64%)



- Cyan (75%)
- Magenta (23%)
- Yellow (0%)
- Black (36%)



- Cyan (84%)
- Magenta (51%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 297DA2 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 297DA2 by changing the saturation by 10% instead.

■ 297DA2

■ 297DA2

FFFFFF

■ 006488

■ 68B2D9

■ 004C6E

■ 84CDF6

■ 003556

■ A1E9FF

■ 00203E

■ BEFFFF

■ 000328

■ DBFFFF

■ 000112

■ F9FFFF

■ 000000

■ 297DA2

■ 297DA2

■ 1978A2

■ 3982A2

■ 0973A2

■ 4987A2

■ 0070A2

■ 5A8CA2

■ 6A91A2

■ 7A96A2

■ 8A9BA2

■ 9AA0A2

■ ABA5A2

■ BBAAA2

Harmonies

Analogous

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



008191



297DA2



5876A7

Triad

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



297DA2



A56171



667C4B

Complementary

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



297DA2



A24E29

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.



817542



297DA2



A36459

Square

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



297DA2



98648A



966C48



47815F

Rectangle

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



297DA2



7270A2



966C48



6F7A47

Sweetspot

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



297DA2



A5C5D4



29A24D



4F636B



EBEBEB



6B6B6B

Same Dimension

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



297DA2



1599D4



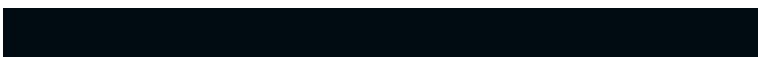
2941A2



494F52



006591



000C12

Inverse Universe

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



A2297D



D41599



A28A29



52494F



910065



12000C

Previews

White Background



This preview shows how the Hex color 297DA2 looks on a white background.

Color Contrast Check

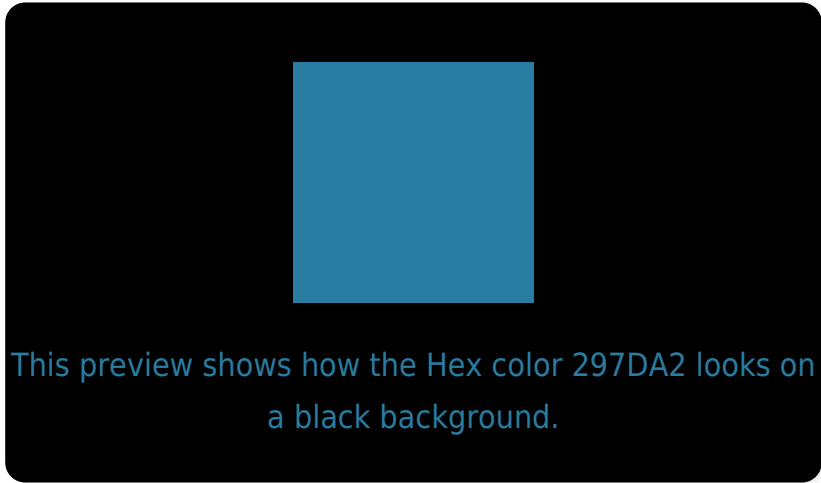
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

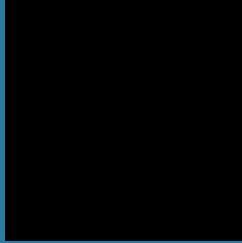
Any Text WCAG AA ✓ Pass

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 297DA2 Background



This preview shows how black text looks on a background with the Hex color 297DA2.

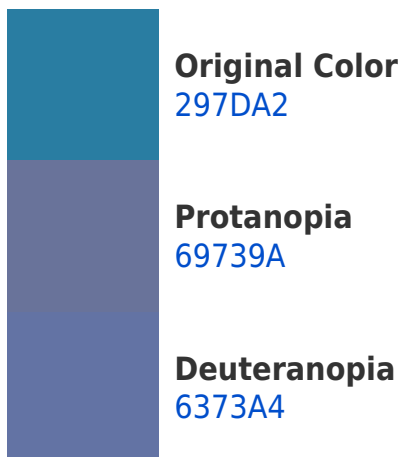


This preview shows how white text looks on a background with the Hex color 297DA2.

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](#).

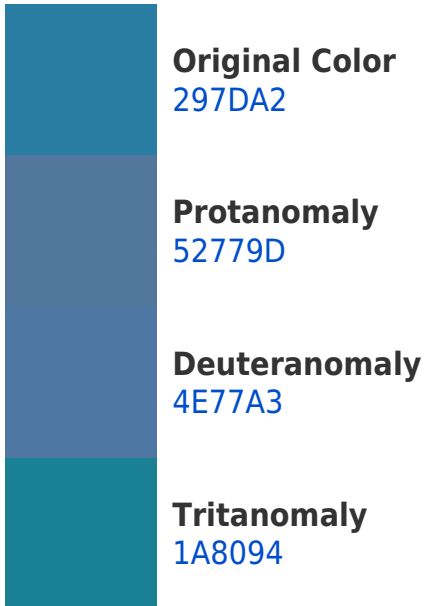
Dichromacy





Tritanopia
12818C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 297DA2 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 #297DA2 looks like.

```
.text, #text, p{  
    color:#297DA2  
}
```

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 #297DA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #297DA2
}
```

Border

The CSS property to change the border of an element to Hex 297DA2 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
#297DA2 }
```

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

```
.border{ border-color:#297DA2 }
```

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

Here you see how a box with a 4 pixel #297DA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #297DA2; -webkit-box-shadow:4px 4px  
4px 4px #297DA2; box-shadow:4px 4px 4px  
4px #297DA2 }
```

Background

The CSS property to change the background color of an element to Hex 297DA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#297DA2 }
```

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

```
.background{ background-color:#297DA2 }
```

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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