

Converting Colors

Hex(297BBD)

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

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Color

Hex(297BBD)

Conversions

Conversions Part 1

Format	Color
Hex	297BBD
RGB	41, 123, 189
RGB Percent	16%, 48%, 74%
CMY	0.8392, 0.5176, 0.2588
CMYK	0.78, 0.35, 0.00, 0.26
HSL	207°, 64%, 45%
HSV	207°, 78%, 74%
XYZ	17.1827, 18.3115, 50.7730
YIQ	106.0060, -70.0580, 3.1420

Conversions

Conversions Part 2

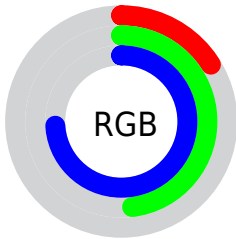
Format	Color
R_{YB}	41, 94, 189
Decimal	2718653
CIE _{Lab}	49.87, -1.21, -41.52
CIE _{LCh}	50, 41.537, 268.329
Yxy	18.3115, 0.1992, 0.2123
Android (android.graphics.Color)	4280908733 (0xFF297BBD)
YUV	106.0060, 40.9160, -57.0103
Hunter-Lab	42.7919, -3.2107, -40.3938

Details

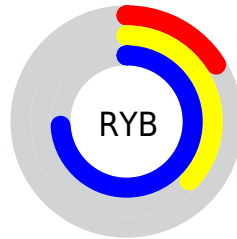
The Hex color **297BBD** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BD6B29**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **6CAFF6**, and **004B87** is the 20% darker color. If you saturate the color by 10%, you get **1673BD**, and if you desaturate by 10%, it is **3C83BD**.

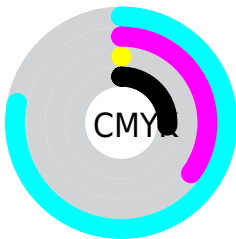
Distribution



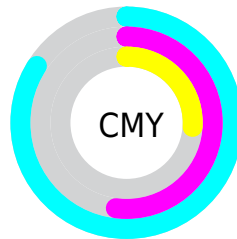
- Red (16%)
- Green (48%)
- Blue (74%)



- Red (16%)
- Yellow (37%)
- Blue (74%)



- Cyan (78%)
- Magenta (35%)
- Yellow (0%)
- Black (26%)



- Cyan (84%)
- Magenta (52%)
- Yellow (26%)

Brightness & Saturation Gradients

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

■ 297BBD

■ 297BBD

FFFFFF

■ 0062A2

■ 6CAFF6

■ 004B87

■ 8ACAFF

■ 00356D

■ A8E6FF

■ 002055

■ C6FFFF

■ 00063D

■ E4FFFF

■ 000326

■ 000110

■ 000000

■ 297BBD

■ 297BBD

■ 1673BD

■ 3C83BD

■ 036ABD

■ 4F8CBD

■ 0069BD

■ 6294BD

■ 759DBD

■ 87A5BD

■ 9AAEBD

■ ADB6BD

■ C0BEBD

■ D3C7BD

Harmonies

Analogous

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



0084B2



297BBD



756EB5

Triad

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



297BBD



B75B57



3C8550

Complementary

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



297BBD



BD6B29

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.



697E35



297BBD



A8673B

Square

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



297BBD



B6587A



8D742D



008873

Rectangle

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



297BBD



9465A6



8D742D



4D8346

Sweetspot

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



297BBD



BCDCF5



29BD69



586B7A



FAFAFA



7A7A7A

Same Dimension

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



297BBD



0F8EF5



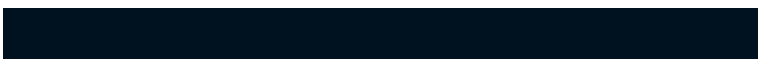
2933BD



555A5E



00589E



00111F

Inverse Universe

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



BD297B



F50F8E



BDB329



5E555A



9E0058



1F0011

Previews

White Background



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

Color Contrast Check

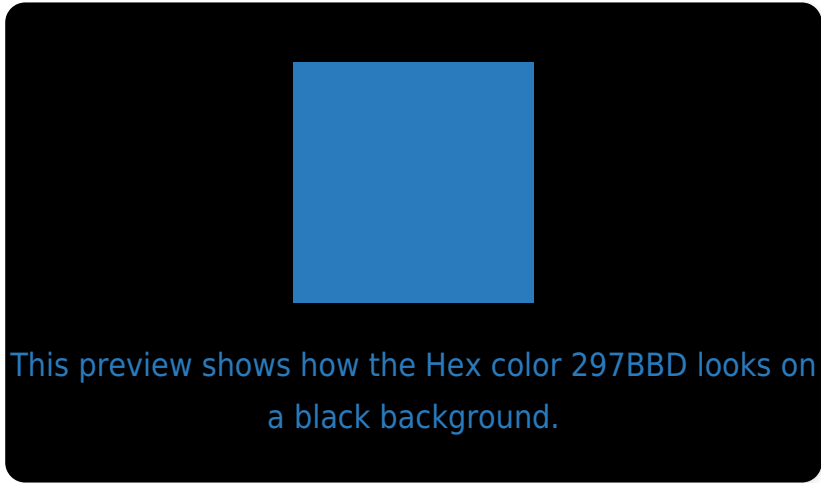
Large Text (above 18pt) WCAG AA ✓ Pass

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

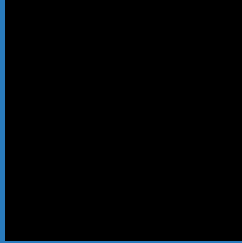
Any Text WCAG AA ✓ Pass

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 297BBD Background



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

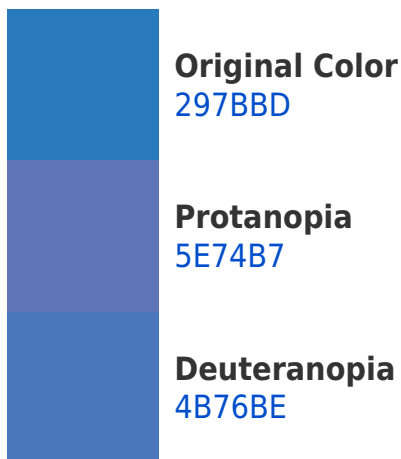


This preview shows how white text looks on a background with the Hex color 297BBD.

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](#).

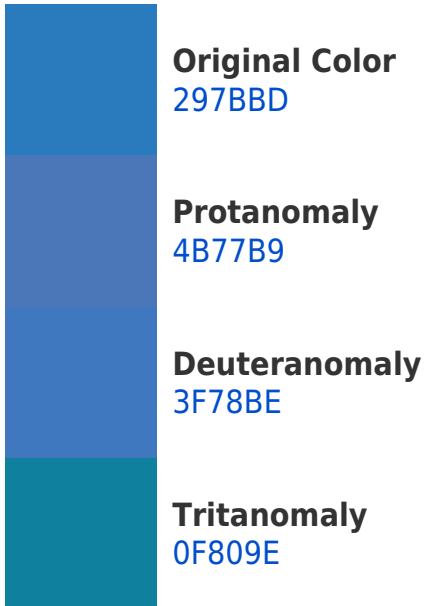
Dichromacy





Tritanopia
00838D

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #297BBD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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