

Converting Colors

Hex(296CB8)

Have a look what the booklet for
Hex(296CB8) contains.

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Color

Hex(296CB8)

Conversions

Conversions Part 1

Format	Color
Hex	296CB8
RGB	41, 108, 184
RGB Percent	16%, 42%, 72%
CMY	0.8392, 0.5765, 0.2784
CMYK	0.78, 0.41, 0.00, 0.28
HSL	212°, 64%, 44%
HSV	212°, 78%, 72%
XYZ	14.9287, 14.6572, 47.3897
YIQ	96.6310, -64.3280, 9.4320

Conversions

Conversions Part 2

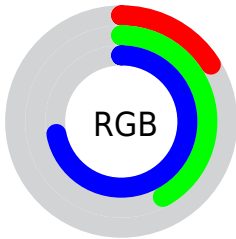
Format	Color
RYB	41, 87, 184
Decimal	2714808
CIELab	45.16, 6.15, -46.12
CIElCh	45, 46.525, 277.593
Yxy	14.6572, 0.1939, 0.1904
Android (android.graphics.Color)	4280904888 (0xFF296CB8)
YUV	96.6310, 43.0729, -48.7884
Hunter-Lab	38.2848, 2.6059, -46.5911

Details

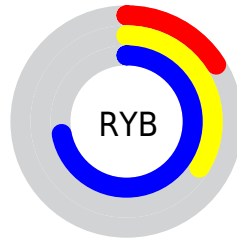
The Hex color **296CB8** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B87529**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **6B9FF1**, and **003D82** is the 20% darker color. If you saturate the color by 10%, you get **1762B8**, and if you desaturate by 10%, it is **3B76B8**.

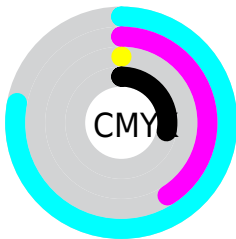
Distribution



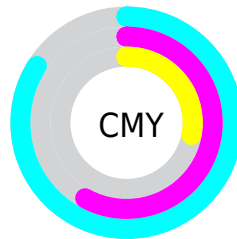
- Red (16%)
- Green (42%)
- Blue (72%)



- Red (16%)
- Yellow (34%)
- Blue (72%)



- Cyan (78%)
- Magenta (41%)
- Yellow (0%)
- Black (28%)



- Cyan (84%)
- Magenta (58%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 296CB8 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 296CB8 by changing the saturation by 10% instead.

 296CB8

 296CB8

FFFFFF

 00549D

 6B9FF1

 003D82

 89BAFF

 002869

 A6D5FF

 001450

 C4F2FF

 000538

 E2FFFF

 000222

 000008

 000000

 296CB8

 296CB8

■ 1762B8

■ 3B76B8

■ 0458B8

■ 4E80B8

■ 0056B8

■ 6089B8

■ 7393B8

■ 859DB8

■ 97A7B8

■ AAB0B8

■ BCBAB8

■ CFC4B8

Harmonies

Analogous

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



0077B2



296CB8



795CA9

Triad

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



296CB8



AC4F3E



007B4C

Complementary

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



296CB8



B87529

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.



4D7629



296CB8



965E20

Square

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



296CB8



B14663



766C15



007E74

Rectangle

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



296CB8



975195



766C15



247A3F

Sweetspot

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



296CB8



B9D2F0



29B873



566678



F7F7F7



787878

Same Dimension

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



296CB8



1179F0



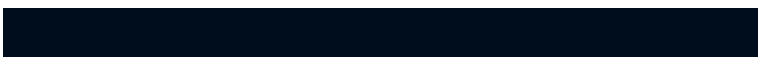
2B29B8



53575C



00499C



000D1C

Inverse Universe

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



B8296C



F01179



B6B829



5C5357



9C0049



1C000D

Previews

White Background



This preview shows how the Hex color 296CB8 looks on a white background.

Color Contrast Check

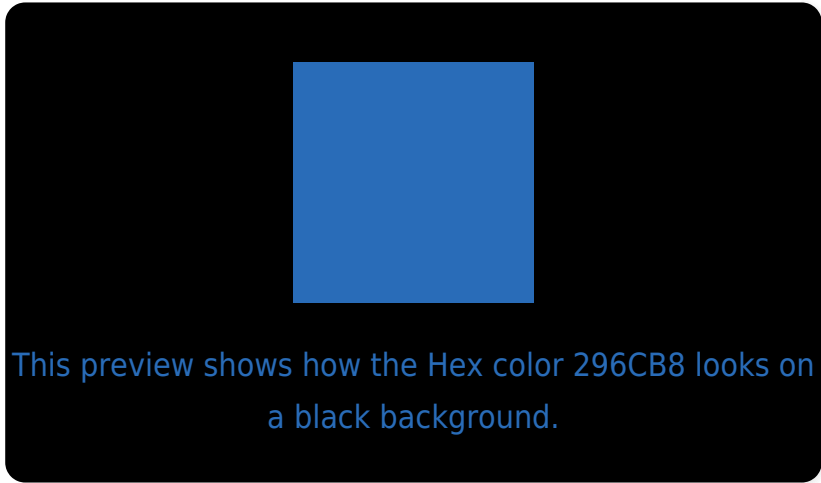
Large Text (above 18pt) WCAG AA ✓ Pass

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

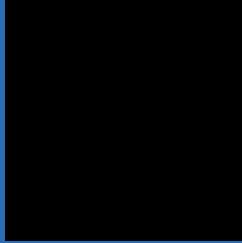
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 296CB8 Background



This preview shows how black text looks on a background with the Hex color 296CB8.

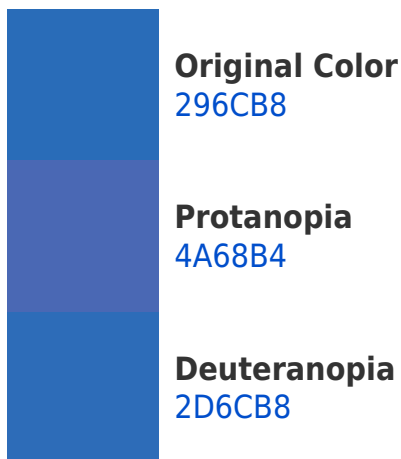


This preview shows how white text looks on a background with the Hex color 296CB8.

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](#).

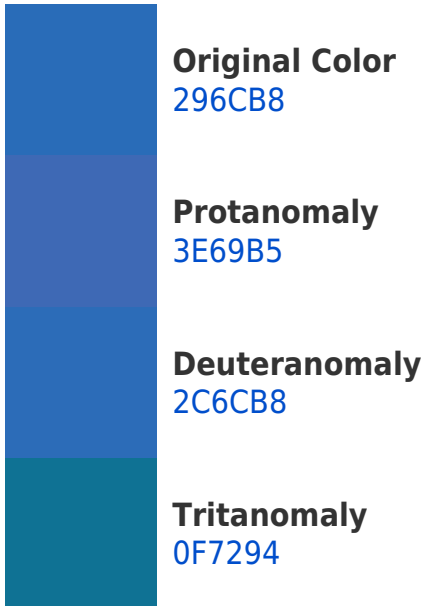
Dichromacy



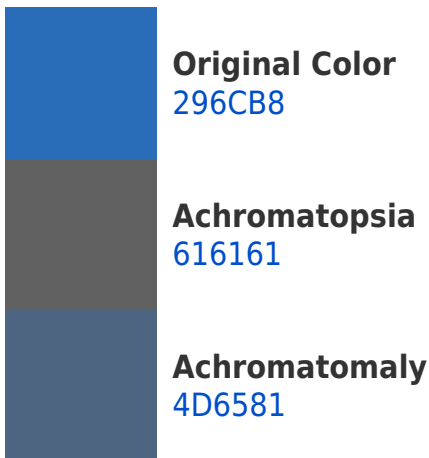


Tritanopia
00767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 296CB8 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 #296CB8 looks like.

```
.text, #text, p{  
    color:#296CB8  
}
```

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 #296CB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #296CB8
}
```

Border

The CSS property to change the border of an element to Hex 296CB8 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
#296CB8 }
```

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

```
.border{ border-color:#296CB8 }
```

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

Here you see how a box with a 4 pixel #296CB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #296CB8; -webkit-box-shadow:4px 4px  
4px 4px #296CB8; box-shadow:4px 4px 4px  
4px #296CB8 }
```

Background

The CSS property to change the background color of an element to Hex 296CB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#296CB8 }
```

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

```
.background{ background-color:#296CB8 }
```

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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