

Converting Colors

Hex(296DD8)

Have a look what the booklet for
Hex(296DD8) contains.

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Color

Hex(296DD8)

Conversions

Conversions Part 1

Format	Color
Hex	296DD8
RGB	41, 109, 216
RGB Percent	16%, 43%, 85%
CMY	0.8392, 0.5725, 0.1529
CMYK	0.81, 0.50, 0.00, 0.15
HSL	217°, 69%, 50%
HSV	217°, 81%, 85%
XYZ	18.7778, 16.3666, 67.1351
YIQ	100.8660, -74.8750, 18.8610

Conversions

Conversions Part 2

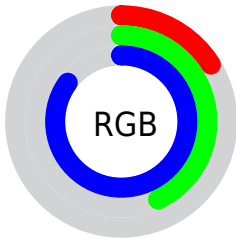
Format	Color
R_{YB}	41, 90, 216
Decimal	2715096
CIE _{Lab}	47.45, 17.71, -60.83
CIE _{LCh}	47, 63.352, 286.233
Yxy	16.3666, 0.1836, 0.1600
Android (android.graphics.Color)	4280905176 (0xFF296DD8)
YUV	100.8660, 56.7611, -52.5025
Hunter-Lab	40.4556, 12.0547, -70.0714

Details

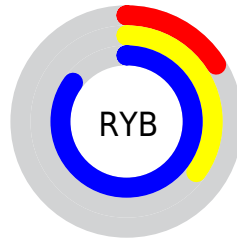
The Hex color **296DD8** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **D89429**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **73A0FF**, and **003FA0** is the 20% darker color. If you saturate the color by 10%, you get **1360D8**, and if you desaturate by 10%, it is **3F7AD8**.

Distribution



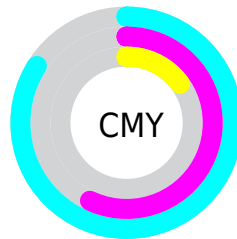
- Red (16%)
- Green (43%)
- Blue (85%)



- Red (16%)
- Yellow (35%)
- Blue (85%)



- Cyan (81%)
- Magenta (50%)
- Yellow (0%)
- Black (15%)



- Cyan (84%)
- Magenta (57%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 296DD8 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 296DD8 by changing the saturation by 10% instead.

■ 296DD8

■ 296DD8

FFFFFF

■ 0055BC

■ 73A0FF

■ 003FA0

■ 92BBFF

■ 002A85

■ B0D6FF

■ 00186B

■ CFF2FF

■ 000652

■ EEEFFF

■ 00063A

■ 000224

■ 00000B

■ 000000

■ 296DD8

■ 296DD8

■ 1360D8

■ 3F7AD8

■ 0054D8

■ 5487D8

■ 6A95D8

■ 7FA2D8

■ 95AFD8

■ ABBCD8

■ C0C9D8

■ D6D7D8

■ EBE4D8

Harmonies

Analogous

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



007ED9



296DD8



9654BB

Triad

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



296DD8



BF4C24



008755

Complementary

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



296DD8



D89429

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.



27821D



296DD8



9C6500

Square

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



296DD8



CE3556



6D7700



00888D

Rectangle

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



296DD8



B8419D



6D7700



008643

Sweetspot

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



296DD8



C2DAFF



29D892



5B6980



000000



808080

Same Dimension

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



296DD8



0868FF



3A29D8



60656B



0042AB



00112B

Inverse Universe

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



D8296D



FF0868



C7D829



6B6065



AB0042



2B0011

Previews

White Background



This preview shows how the Hex color 296DD8 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



This preview shows how the Hex color 296DD8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

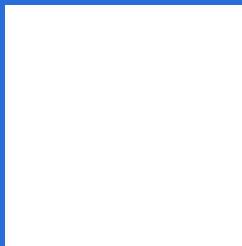
Any Text WCAG AAA × Fail

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

Hex 296DD8 Background



This preview shows how black text looks on a background with the Hex color 296DD8.

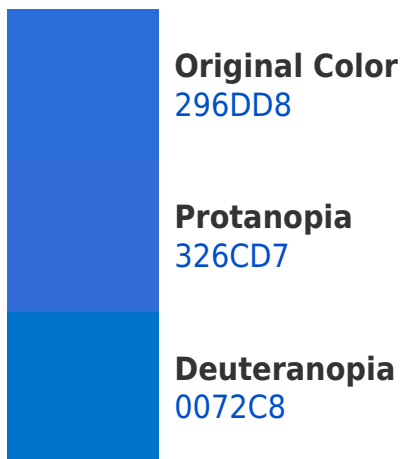


This preview shows how white text looks on a background with the Hex color 296DD8.

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](#).

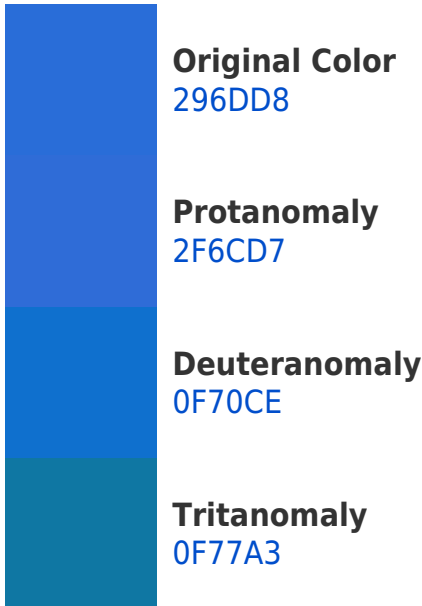
Dichromacy





Tritanopia
007C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 296DD8 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 #296DD8 looks like.

```
.text, #text, p{  
    color:#296DD8  
}
```

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 #296DD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #296DD8  
}
```

Border

The CSS property to change the border of an element to Hex 296DD8 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  
#296DD8 }
```

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

```
.border{ border-color:#296DD8 }
```

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

Here you see how a box with a 4 pixel #296DD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #296DD8; -webkit-box-shadow:4px 4px  
4px 4px #296DD8; box-shadow:4px 4px 4px  
4px #296DD8 }
```

Background

The CSS property to change the background color of an element to Hex 296DD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#296DD8 }
```

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

```
.background{ background-color:#296DD8 }
```

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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