

Converting Colors

Hex(2985D8)

Have a look what the booklet for
Hex(2985D8) contains.

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Color

Hex(2985D8)

Conversions

Conversions Part 1

Format	Color
Hex	2985D8
RGB	41, 133, 216
RGB Percent	16%, 52%, 85%
CMY	0.8392, 0.4784, 0.1529
CMYK	0.81, 0.38, 0.00, 0.15
HSL	208°, 69%, 50%
HSV	208°, 81%, 85%
XYZ	21.6966, 22.2043, 68.1081
YIQ	114.9540, -81.4750, 6.3090

Conversions

Conversions Part 2

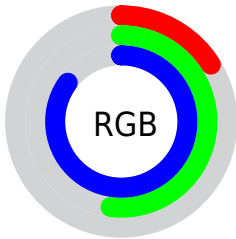
Format	Color
R_{YB}	41, 101, 216
Decimal	2721240
CIE Lab	54.24, 2.81, -49.94
CIE LCh	54, 50.015, 273.215
Yxy	22.2043, 0.1937, 0.1982
Android (android.graphics.Color)	4280911320 (0xFF2985D8)
YUV	114.9540, 49.8157, -64.8577
Hunter-Lab	47.1215, -0.2739, -52.7111

Details

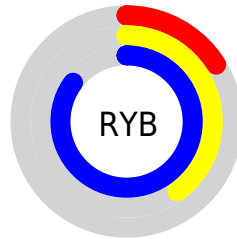
The Hex color **2985D8** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **D87C29**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **72BAFF**, and **0054A1** is the 20% darker color. If you saturate the color by 10%, you get **137BD8**, and if you desaturate by 10%, it is **3F8FD8**.

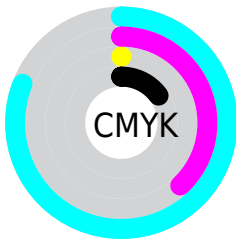
Distribution



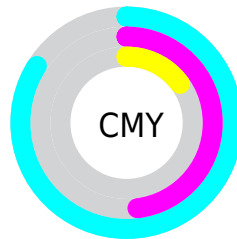
- Red (16%)
- Green (52%)
- Blue (85%)



- Red (16%)
- Yellow (40%)
- Blue (85%)



- Cyan (81%)
- Magenta (38%)
- Yellow (0%)
- Black (15%)



- Cyan (84%)
- Magenta (48%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2985D8 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 2985D8 by changing the saturation by 10% instead.

■ 2985D8

■ 2985D8

FFFFFF

■ 006CBC

■ 72BAFF

■ 0054A1

■ 91D5FF

■ 003E86

■ B0F1FF

■ 00296C

■ CEFFFF

■ 001553

■ EDFFFF

■ 00063B

■ 000225

■ 00010D

■ 000000

■ 2985D8

■ 2985D8

■ 137BD8

■ 3F8FD8

■ 0072D8

■ 5499D8

■ 6AA4D8

■ 7FAED8

■ 95B8D8

■ ABC2D8

■ C0CDD8

■ D6D7D8

■ EBE1D8

Harmonies

Analogous

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



0090CE



2985D8



8974CA

Triad

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



2985D8



CD6155



249459

Complementary

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



2985D8



D87C29

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.



688D35



2985D8



B87133

Square

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



2985D8



D05A7F



958124



009785

Rectangle

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



2985D8



AD68B6



958124



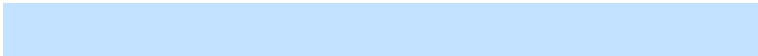
42924C

Sweetspot

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



2985D8



C2E2FF



29D87B



5B6E80



000000



808080

Same Dimension

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



2985D8



088AFF



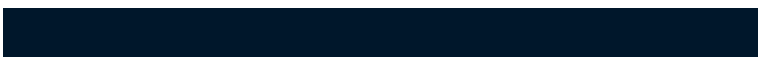
292FD8



60666B



005AAB



00172B

Inverse Universe

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



D82985



FF088A



D8D229



6B6066



AB005A



2B0017

Previews

White Background



This preview shows how the Hex color 2985D8 looks on a white background.

Color Contrast Check

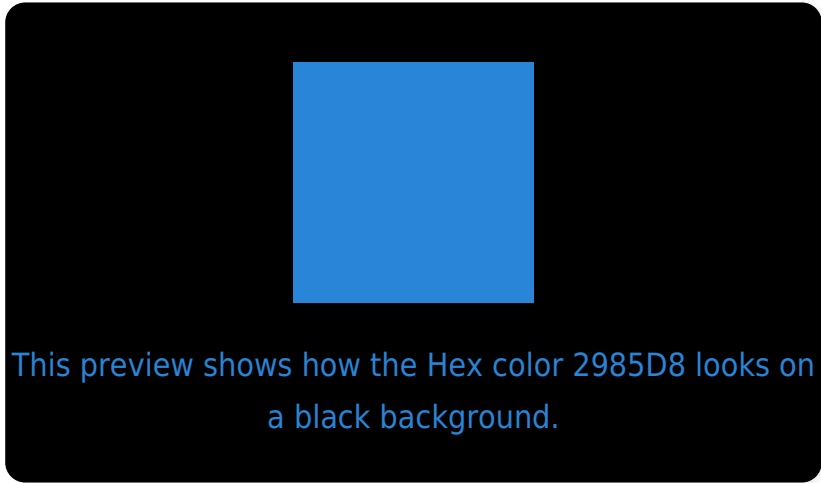
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

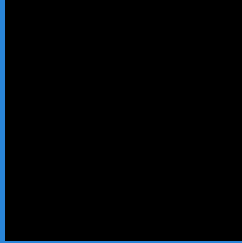
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

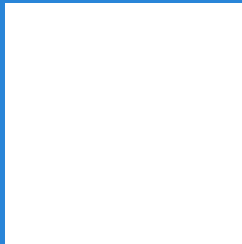
Any Text WCAG AAA × Fail

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

Hex 2985D8 Background



This preview shows how black text looks on a background with the Hex color 2985D8.

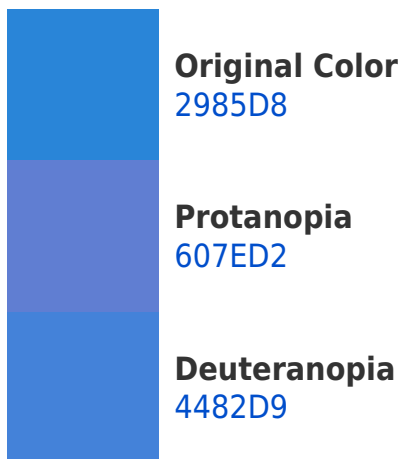


This preview shows how white text looks on a background with the Hex color 2985D8.

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](#).

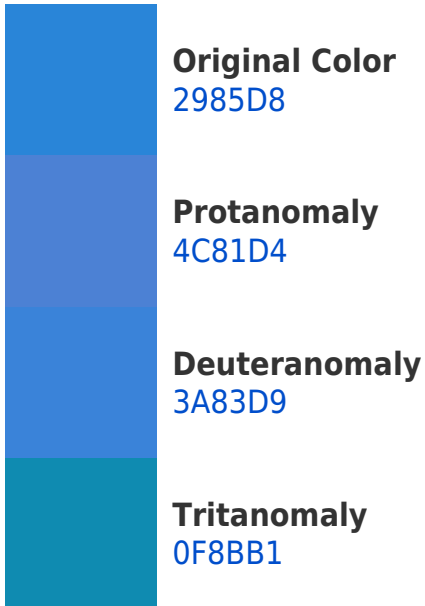
Dichromacy



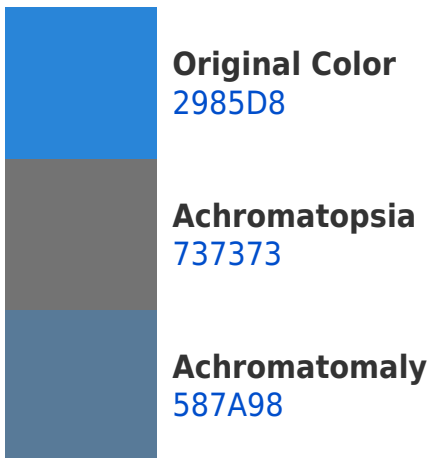


Tritanopia
008F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2985D8 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 #2985D8 looks like.

```
.text, #text, p{  
    color:#2985D8  
}
```

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 #2985D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2985D8
}
```

Border

The CSS property to change the border of an element to Hex 2985D8 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
#2985D8 }
```

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

```
.border{ border-color:#2985D8 }
```

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

Here you see how a box with a 4 pixel #2985D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2985D8; -webkit-box-shadow:4px 4px  
4px 4px #2985D8; box-shadow:4px 4px 4px  
4px #2985D8 }
```

Background

The CSS property to change the background color of an element to Hex 2985D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2985D8 }
```

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

```
.background{ background-color:#2985D8 }
```

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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