

Converting Colors

Hex(2958D3)

Have a look what the booklet for
Hex(2958D3) contains.

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Color

Hex(2958D3)

Conversions

Conversions Part 1

Format	Color
Hex	2958D3
RGB	41, 88, 211
RGB Percent	16%, 35%, 83%
CMY	0.8392, 0.6549, 0.1725
CMYK	0.81, 0.58, 0.00, 0.17
HSL	223°, 67%, 49%
HSV	223°, 81%, 83%
XYZ	16.1620, 12.1540, 63.1221
YIQ	87.9690, -67.4950, 28.2890

Conversions

Conversions Part 2

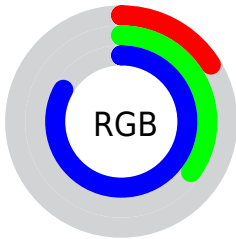
Format	Color
R _Y B	41, 78, 211
Decimal	2709715
CIE Lab	41.46, 29.33, -67.70
CIE LCh	41, 73.778, 293.428
Yxy	12.1540, 0.1768, 0.1329
Android (android.graphics.Color)	4280899795 (0xFF2958D3)
YUV	87.9690, 60.6543, -41.1918
Hunter-Lab	34.8626, 21.7417, -82.9465

Details

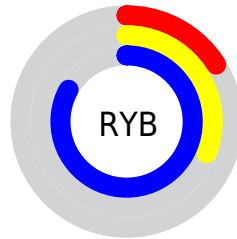
The Hex color **2958D3** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **D3A429**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7389FF**, and **002C9B** is the 20% darker color. If you saturate the color by 10%, you get **1449D3**, and if you desaturate by 10%, it is **3E67D3**.

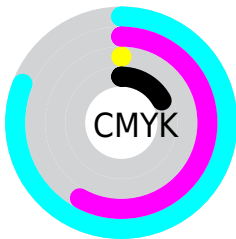
Distribution



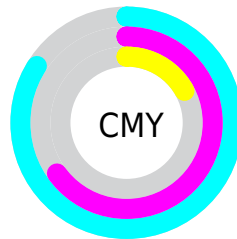
- Red (16%)
- Green (35%)
- Blue (83%)



- Red (16%)
- Yellow (31%)
- Blue (83%)



- Cyan (81%)
- Magenta (58%)
- Yellow (0%)
- Black (17%)



- Cyan (84%)
- Magenta (65%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2958D3 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 2958D3 by changing the saturation by 10% instead.

 2958D3

 2958D3

FFFFFF

 0041B7

 7389FF

 002C9B

 92A3FF

 001980

 B0BEFF

 000067

 CFDAFF

 000A4E

 EEF7FF

 000536

 000220

 000003

 000000

■ 2958D3

■ 2958D3

■ 1449D3

■ 3E67D3

■ 003AD3

■ 5377D3

■ 6886D3

■ 7D95D3

■ 92A4D3

■ A8B4D3

■ BDC3D3

■ D2D2D3

■ E7E1D3

Harmonies

Analogous

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



006EDC



2958D3



9B32AB

Triad

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



2958D3



AD3C00



007A52

Complementary

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



2958D3



D3A429

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.



007607



2958D3



835B00

Square

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



2958D3



C60036



4A6C00



007B91

Rectangle

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



2958D3



BA0086



4A6C00



00793C

Sweetspot

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



2958D3



C2D3FF



29D3A3



5B6580



000000



808080

Same Dimension

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



2958D3



084CFF



4E29D3



5E6169



002FA8



000B29

Inverse Universe

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



D32958



FF084C



AED329



695E61



A8002F



29000B

Previews

White Background



This preview shows how the Hex color 2958D3 looks on a white background.

Color Contrast Check

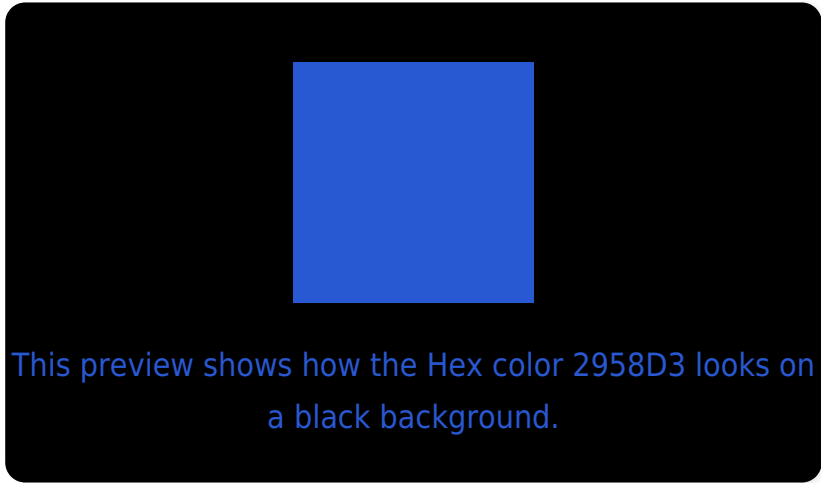
Large Text (above 18pt) WCAG AA ✓ Pass

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

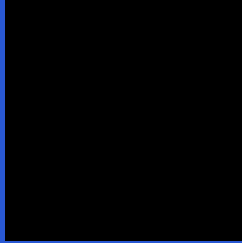
Any Text WCAG AA × Fail

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 2958D3 Background



This preview shows how black text looks on a background with the Hex color 2958D3.

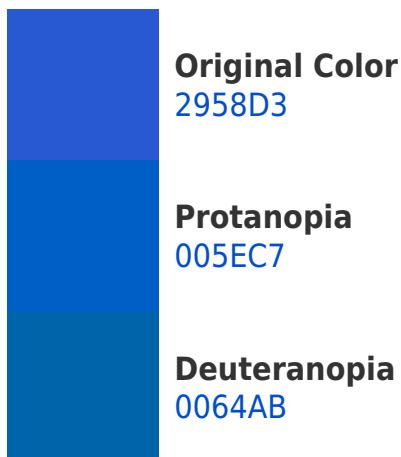


This preview shows how white text looks on a background with the Hex color 2958D3.

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](#).

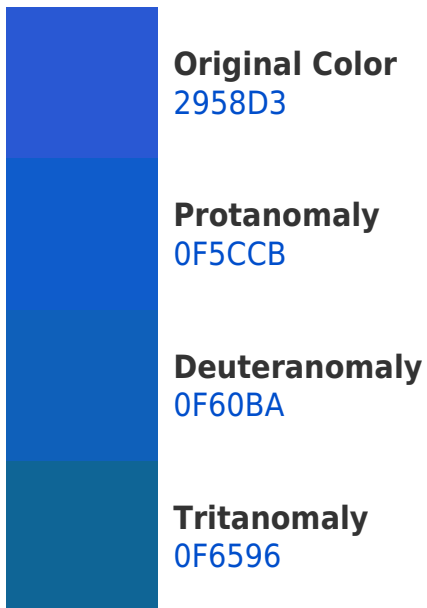
Dichromacy





Tritanopia
006C73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2958D3 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 #2958D3 looks like.

```
.text, #text, p{  
    color:#2958D3  
}
```

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 #2958D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2958D3
}
```

Border

The CSS property to change the border of an element to Hex 2958D3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

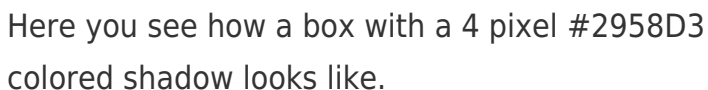
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2958D3 }
```

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

```
.border{ border-color:#2958D3 }
```

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



Here you see how a box with a 4 pixel #2958D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2958D3; -webkit-box-shadow:4px 4px  
4px 4px #2958D3; box-shadow:4px 4px 4px  
4px #2958D3 }
```

Background

The CSS property to change the background color of an element to Hex 2958D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2958D3 }
```

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

```
.background{ background-color:#2958D3 }
```

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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