

Converting Colors

Hex(2884D5)

Have a look what the booklet for
Hex(2884D5) contains.

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Color

Hex(2884D5)

Conversions

Conversions Part 1

Format	Color
Hex	2884D5
RGB	40, 132, 213
RGB Percent	16%, 52%, 84%
CMY	0.8431, 0.4824, 0.1647
CMYK	0.81, 0.38, 0.00, 0.16
HSL	208°, 68%, 50%
HSV	208°, 81%, 84%
XYZ	21.1366, 21.7577, 66.0364
YIQ	113.7260, -80.8330, 5.6870

Conversions

Conversions Part 2

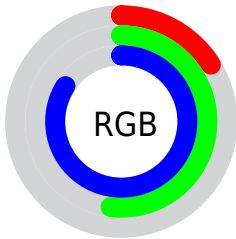
Format	Color
R _Y B	40, 100, 213
Decimal	2655445
CIE Lab	53.77, 2.20, -49.00
CIE LCh	54, 49.050, 272.567
Yxy	21.7577, 0.1940, 0.1997
Android (android.graphics.Color)	4280845525 (0xFF2884D5)
YUV	113.7260, 48.9421, -64.6577
Hunter-Lab	46.6452, -0.7445, -51.2863

Details

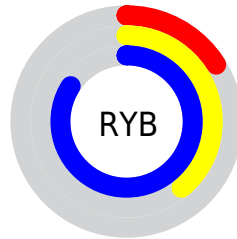
The Hex color **2884D5** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **D57928**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **71B9FF**, and **00539E** is the 20% darker color. If you saturate the color by 10%, you get **137AD5**, and if you desaturate by 10%, it is **3D8ED5**.

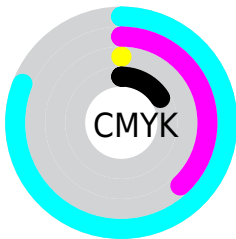
Distribution



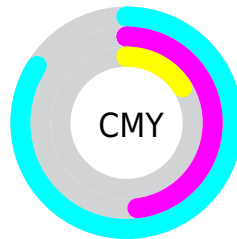
- Red (16%)
- Green (52%)
- Blue (84%)



- Red (16%)
- Yellow (39%)
- Blue (84%)



- Cyan (81%)
- Magenta (38%)
- Yellow (0%)
- Black (16%)



- Cyan (84%)
- Magenta (48%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2884D5 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 2884D5 by changing the saturation by 10% instead.

 2884D5

 2884D5

FFFFFF

 006BB9

 71B9FF

 00539E

 90D4FF

 003D83

 AFF0FF

 00286A


 CDFFFF

 001351

 EBFFFF

 000539

 000223

 000009

 000000

■ 2884D5

■ 2884D5

■ 137AD5

■ 3D8ED5

■ 0071D5

■ 5398D5

■ 68A2D5

■ 7DACD5

■ 93B6D5

■ A8C0D5

■ BDCAD5

■ D2D4D5

■ E8DED5

Harmonies

Analogous

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



008FCB



2884D5



8774C8

Triad

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



2884D5



CB6055



289258

Complementary

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



2884D5



D57928

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.



698B35



2884D5



B67035

Square

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



2884D5



CD5A7F



948026



009583

Rectangle

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



2884D5



AA68B4



948026



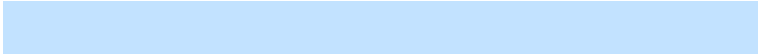
44904B

Sweetspot

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



2884D5



C2E2FF



28D579



5B6E80



000000



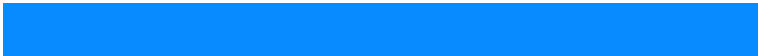
808080

Same Dimension

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



2884D5



088BFF



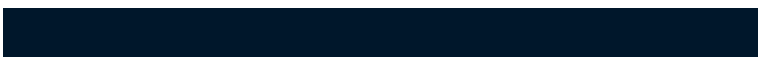
282ED5



60666B



005BAB



00172B

Inverse Universe

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



D52884



FF088B



D5CF28



6B6066



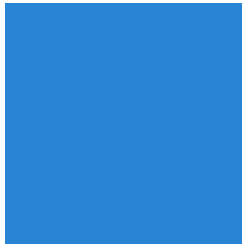
AB005B



2B0017

Previews

White Background



This preview shows how the Hex color 2884D5 looks on a white background.

Color Contrast Check

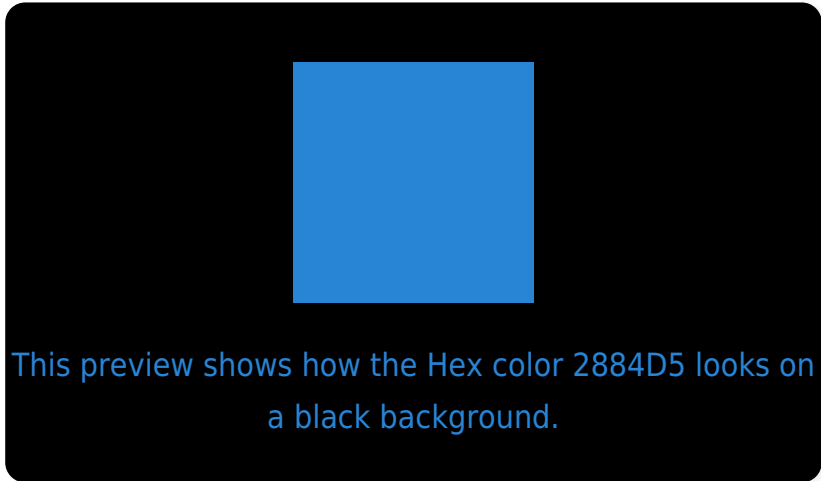
Large Text (above 18pt) WCAG AA ✓ Pass

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

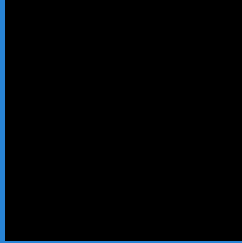
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

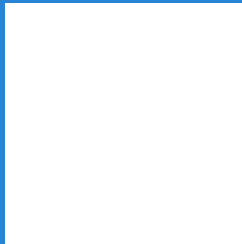
Any Text WCAG AAA × Fail

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

Hex 2884D5 Background



This preview shows how black text looks on a background with the Hex color 2884D5.

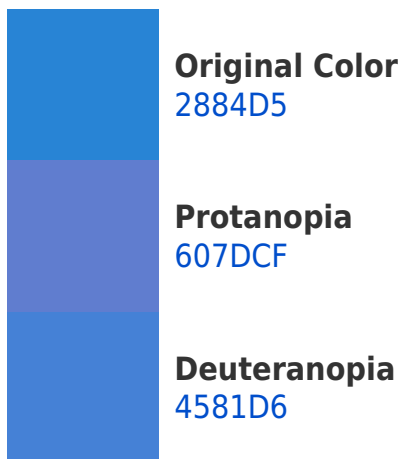


This preview shows how white text looks on a background with the Hex color 2884D5.

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](#).

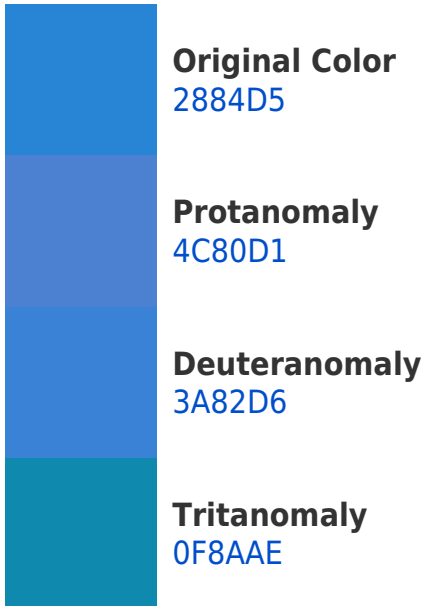
Dichromacy



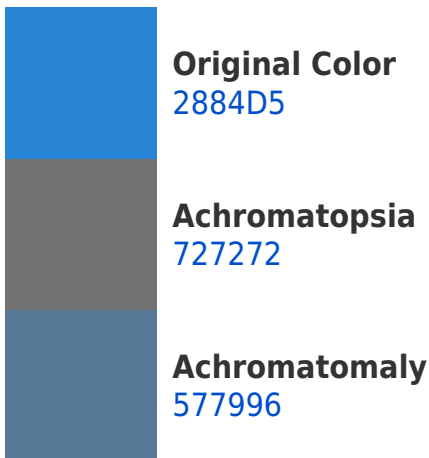


Tritanopia
008E98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2884D5 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 #2884D5 looks like.

```
.text, #text, p{  
    color:#2884D5  
}
```

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 #2884D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2884D5
}
```

Border

The CSS property to change the border of an element to Hex 2884D5 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
#2884D5 }
```

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

```
.border{ border-color:#2884D5 }
```

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

Here you see how a box with a 4 pixel #2884D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2884D5; -webkit-box-shadow:4px 4px  
4px 4px #2884D5; box-shadow:4px 4px 4px  
4px #2884D5 }
```

Background

The CSS property to change the background color of an element to Hex 2884D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2884D5 }
```

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

```
.background{ background-color:#2884D5 }
```

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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