

Converting Colors

Hex(2886DC)

Have a look what the booklet for
Hex(2886DC) contains.

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Color

Hex(2886DC)

Conversions

Conversions Part 1

Format	Color
Hex	2886DC
RGB	40, 134, 220
RGB Percent	16%, 53%, 86%
CMY	0.8431, 0.4745, 0.1373
CMYK	0.82, 0.39, 0.00, 0.14
HSL	209°, 72%, 51%
HSV	209°, 82%, 86%
XYZ	22.3184, 22.6686, 70.9093
YIQ	115.6980, -83.6300, 6.8180

Conversions

Conversions Part 2

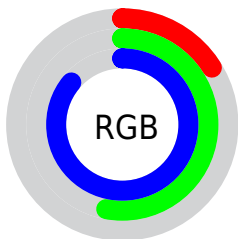
Format	Color
R _Y B	40, 102, 220
Decimal	2655964
CIE _{Lab}	54.73, 3.60, -51.41
CIE _{LCh}	55, 51.537, 274.007
Yxy	22.6686, 0.1926, 0.1956
Android (android.graphics.Color)	4280846044 (0xFF2886DC)
YUV	115.6980, 51.4209, -66.3871
Hunter-Lab	47.6116, 0.3535, -54.9742

Details

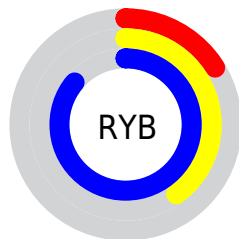
The Hex color **2886DC** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **DC7E28**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **73BBFF**, and **0055A4** is the 20% darker color. If you saturate the color by 10%, you get **127BDC**, and if you desaturate by 10%, it is **3E91DC**.

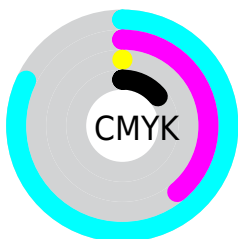
Distribution



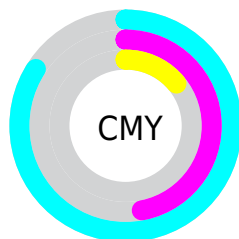
- Red (16%)
- Green (53%)
- Blue (86%)



- Red (16%)
- Yellow (40%)
- Blue (86%)



- Cyan (82%)
- Magenta (39%)
- Yellow (0%)
- Black (14%)



- Cyan (84%)
- Magenta (47%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2886DC 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 2886DC by changing the saturation by 10% instead.

■ 2886DC

■ 2886DC

FFFFFF

■ 006DC0

■ 73BBFF

■ 0055A4

■ 92D6FF

■ 003F8A

■ B1F3FF

■ 002A70

■ CFFFFF

■ 001657

■ EEEFFF

■ 00063F

■ 000328

■ 000111

■ 000000

■ 2886DC

■ 2886DC

■ 127BDC

■ 3E91DC

■ 0073DC

■ 549BDC

■ 6AA6DC

■ 80B0DC

■ 96BBDC

■ ACC5DC

■ C2D0DC

■ D8DADC

■ EEE5DC

Harmonies

Analogous

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



0092D3



2886DC



8C75CD

Triad

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



2886DC



D06154



1B965A

Complementary

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



2886DC



DC7E28

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.



678F34



2886DC



B97231

Square

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



2886DC



D35A7F



958322



009988

Rectangle

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



2886DC



B168B8



958322



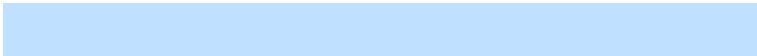
3E944C

Sweetspot

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



2886DC



BFE1FF



28DC7C



596D80



000000



808080

Same Dimension

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



2886DC



0588FF



282EDC



63686E



005BAD



00182E

Inverse Universe

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



DC2886



FF0588



DCD628



6E6368



AD005B



2E0018

Previews

White Background



This preview shows how the Hex color 2886DC looks on a white background.

Color Contrast Check

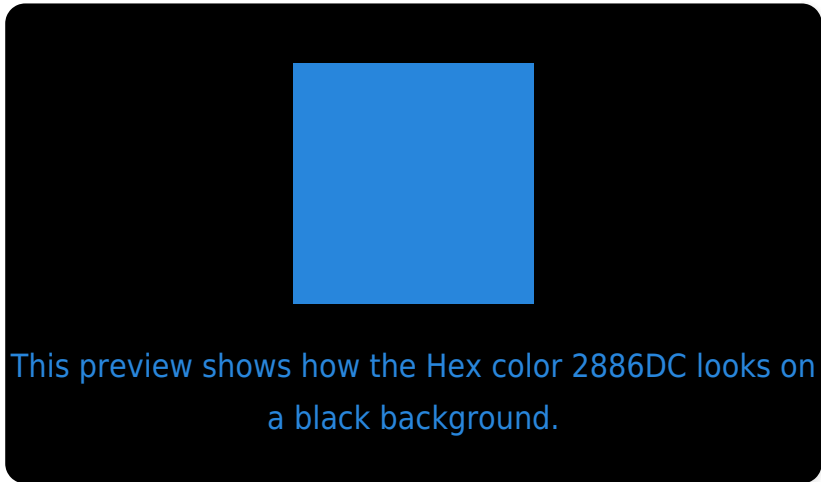
Large Text (above 18pt) WCAG AA ✓ Pass

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

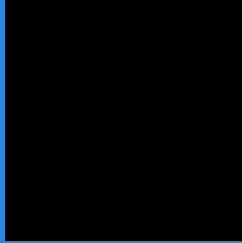
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

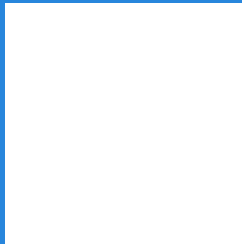
Any Text WCAG AAA × Fail

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

Hex 2886DC Background



This preview shows how black text looks on a background with the Hex color 2886DC.

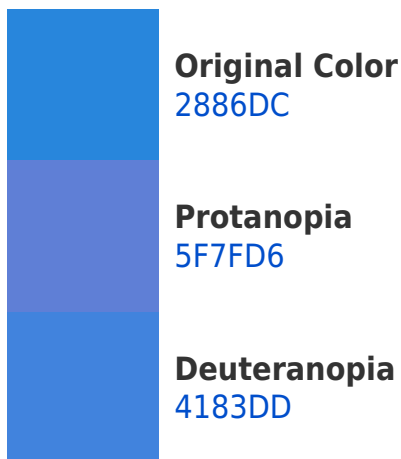


This preview shows how white text looks on a background with the Hex color 2886DC.

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](#).

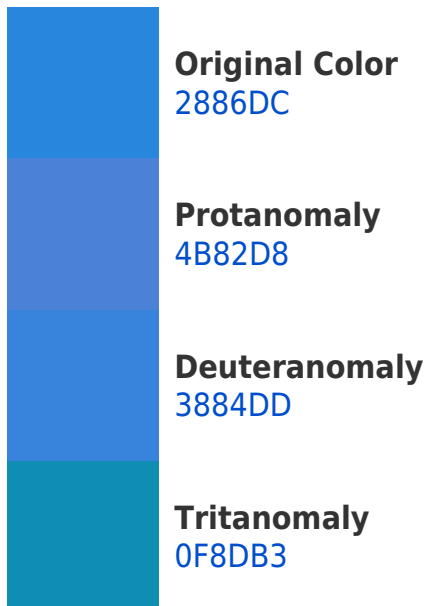
Dichromacy





Tritanopia
00919B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2886DC 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 #2886DC looks like.

```
.text, #text, p{  
    color:#2886DC  
}
```

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 #2886DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2886DC
}
```

Border

The CSS property to change the border of an element to Hex 2886DC 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
#2886DC }
```

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

```
.border{ border-color:#2886DC }
```

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

Here you see how a box with a 4 pixel #2886DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2886DC; -webkit-box-shadow:4px 4px  
4px 4px #2886DC; box-shadow:4px 4px 4px  
4px #2886DC }
```

Background

The CSS property to change the background color of an element to Hex 2886DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2886DC }
```

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

```
.background{ background-color:#2886DC }
```

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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