

Converting Colors

Hex(2880CC)

Have a look what the booklet for
Hex(2880CC) contains.

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Color

Hex(2880CC)

Conversions

Conversions Part 1

Format	Color
Hex	2880CC
RGB	40, 128, 204
RGB Percent	16%, 50%, 80%
CMY	0.8431, 0.4980, 0.2000
CMYK	0.80, 0.37, 0.00, 0.20
HSL	208°, 67%, 48%
HSV	208°, 80%, 80%
XYZ	19.4933, 20.2491, 60.0078
YIQ	110.3520, -76.8440, 4.9800

Conversions

Conversions Part 2

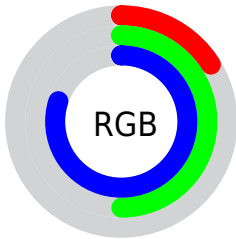
Format	Color
RYB	40, 97, 204
Decimal	2654412
CIELab	52.12, 1.25, -46.53
CIElCh	52, 46.548, 271.541
Yxy	20.2491, 0.1954, 0.2030
Android (android.graphics.Color)	4280844492 (0xFF2880CC)
YUV	110.3520, 46.1685, -61.6987
Hunter-Lab	44.9990, -1.4230, -47.5661

Details

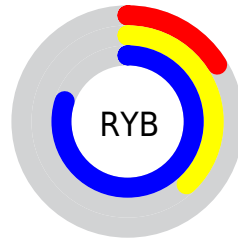
The Hex color **2880CC** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark muted azure. A complement of this color would be **CC7428**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **6FB4FF**, and **005095** is the 20% darker color. If you saturate the color by 10%, you get **1477CC**, and if you desaturate by 10%, it is **3C89CC**.

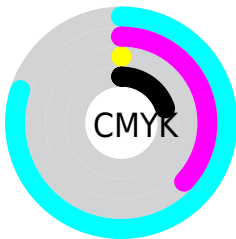
Distribution



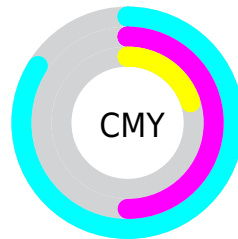
- Red (16%)
- Green (50%)
- Blue (80%)



- Red (16%)
- Yellow (38%)
- Blue (80%)



- Cyan (80%)
- Magenta (37%)
- Yellow (0%)
- Black (20%)



- Cyan (84%)
- Magenta (50%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2880CC 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 2880CC by changing the saturation by 10% instead.

 2880CC

 2880CC

FFFFFF

 0067B0

 6FB4FF

 005095

 8ED0FF

 00397B

 ACECFF

 002462

 CAFFFF

 000F49

 E8FFFF

 000432

 00021C

 000000

 2880CC

 2880CC

■ 1477CC

■ 3C89CC

■ 006DCC

■ 5193CC

■ 659CCC

■ 7AA6CC

■ 8EAFCC

■ A2B9CC

■ B7C2CC

■ CBCCCC

■ E0D5CC

Harmonies

Analogous

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



008AC2



2880CC



8071C1

Triad

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



2880CC



C35E55



2E8D55

Complementary

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



2880CC



CC7428

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.



688634



2880CC



B06C36

Square

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



2880CC



C4597C



907B27



00907D

Rectangle

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



2880CC



A266AE



907B27



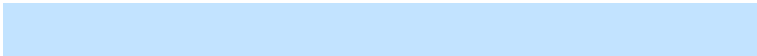
468B48

Sweetspot

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



2880CC



C2E3FF



28CC72



5B6E80



000000



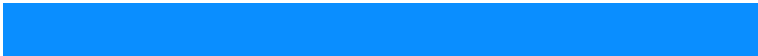
808080

Same Dimension

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



2880CC



0A8EFF



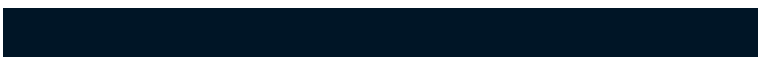
2830CC



5C6166



0059A6



001526

Inverse Universe

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



CC2880



FF0A8E



CCC428



665C61



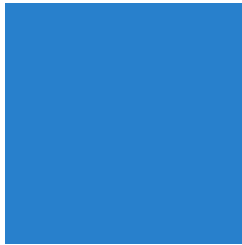
A60059



260015

Previews

White Background



This preview shows how the Hex color 2880CC looks on a white background.

Color Contrast Check

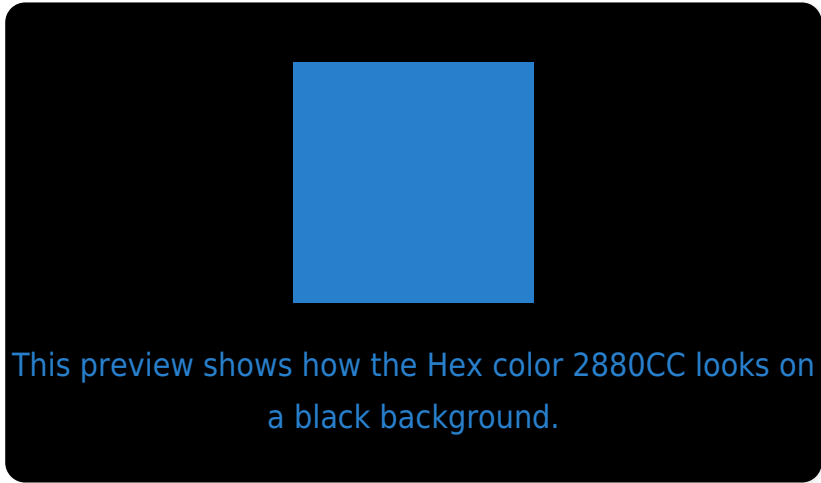
Large Text (above 18pt) WCAG AA ✓ Pass

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

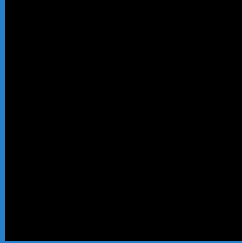
Any Text WCAG AA ✓ Pass

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 2880CC Background



This preview shows how black text looks on a background with the Hex color 2880CC.

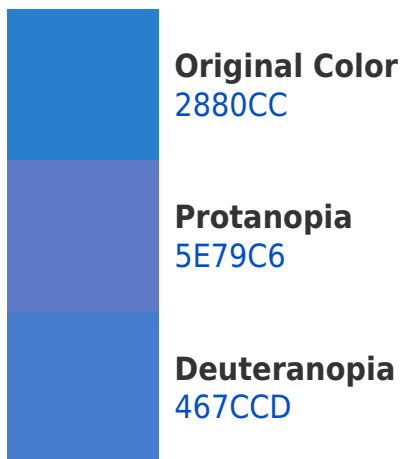


This preview shows how white text looks on a background with the Hex color 2880CC.

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](#).

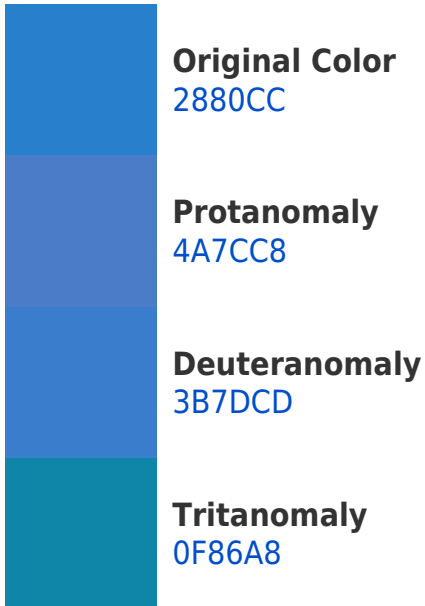
Dichromacy



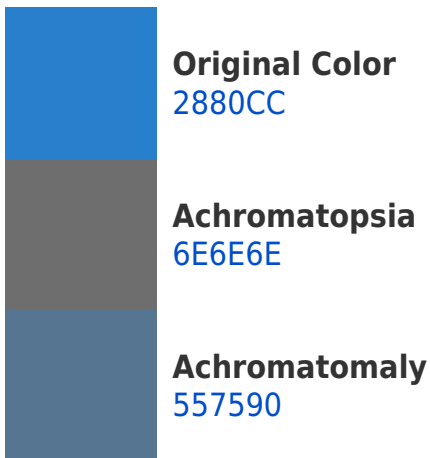


Tritanopia
008994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2880CC 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 #2880CC looks like.

```
.text, #text, p{  
    color:#2880CC  
}
```

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 #2880CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2880CC
}
```

Border

The CSS property to change the border of an element to Hex 2880CC 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
#2880CC }
```

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

```
.border{ border-color:#2880CC }
```

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

Here you see how a box with a 4 pixel #2880CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2880CC; -webkit-box-shadow:4px 4px  
4px 4px #2880CC; box-shadow:4px 4px 4px  
4px #2880CC }
```

Background

The CSS property to change the background color of an element to Hex 2880CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2880CC }
```

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

```
.background{ background-color:#2880CC }
```

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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