

Converting Colors

Hex(2884CA)

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

Hex(2884CA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2884CA)

Conversions

Conversions Part 1

Format	Color
Hex	2884CA
RGB	40, 132, 202
RGB Percent	16%, 52%, 79%
CMY	0.8431, 0.4824, 0.2078
CMYK	0.80, 0.35, 0.00, 0.21
HSL	206°, 67%, 47%
HSV	206°, 80%, 79%
XYZ	19.7870, 21.2179, 58.9297
YIQ	112.4720, -77.3020, 2.2660

Conversions

Conversions Part 2

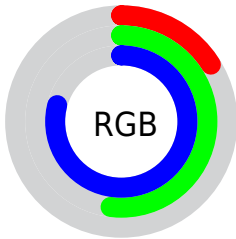
Format	Color
R_{YB}	40, 99, 202
Decimal	2655434
CIE _{Lab}	53.19, -1.88, -43.70
CIE _{LCh}	53, 43.740, 267.530
Yxy	21.2179, 0.1980, 0.2123
Android (android.graphics.Color)	4280845514 (0xFF2884CA)
YUV	112.4720, 44.1373, -63.5579
Hunter-Lab	46.0629, -3.9328, -43.6075

Details

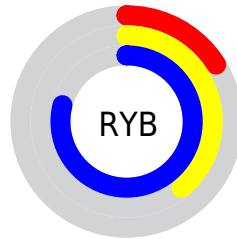
The Hex color **2884CA** is a dark color, and the websafe version is hex **6699CC**. The color can be described as dark muted azure. A complement of this color would be **CA6E28**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **6FB9FF**, and **005393** is the 20% darker color. If you saturate the color by 10%, you get **147BCA**, and if you desaturate by 10%, it is **3C8DCA**.

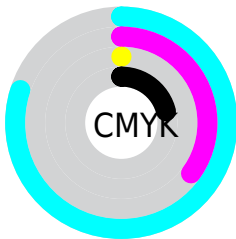
Distribution



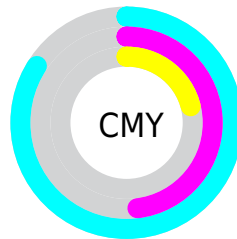
- Red (16%)
- Green (52%)
- Blue (79%)



- Red (16%)
- Yellow (39%)
- Blue (79%)



- Cyan (80%)
- Magenta (35%)
- Yellow (0%)
- Black (21%)



- Cyan (84%)
- Magenta (48%)
- Yellow (21%)

Brightness & Saturation Gradients

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

■ 2884CA

■ 2884CA

FFFFFF

■ 006BAE

■ 6FB9FF

■ 005393

■ 8DD4FF

■ 003C79

■ ABF1FF

■ 002760

■ C9FFFF

■ 001348

■ E8FFFF

■ 000431

■ 00011B

■ 000000

■ 2884CA

■ 2884CA

■ 147BCA

■ 3C8DCA

■ 0073CA

■ 5095CA

■ 659ECA

■ 79A7CA

■ 8DB0CA

■ A1B8CA

■ B5C1CA

■ CACACA

■ DED3CA

Harmonies

Analogous

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



008DBE



2884CA



7C76C2

Triad

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



2884CA



C4625E



428E55

Complementary

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



2884CA



CA6E28

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.



728739



2884CA



B46E40

Square

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



2884CA



C25F84



977C31



00927B

Rectangle

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



2884CA



9E6CB2



977C31



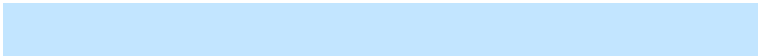
548C4A

Sweetspot

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



2884CA



C2E5FF



28CA6C



5B7080



000000



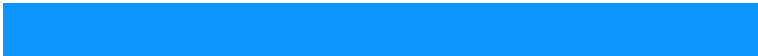
808080

Same Dimension

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



2884CA



0A95FF



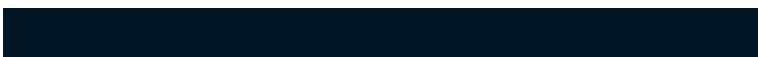
2835CA



5C6266



005EA6



001626

Inverse Universe

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



CA2884



FF0A95



CABD28



665C62



A6005E



260016

Previews

White Background



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

Color Contrast Check

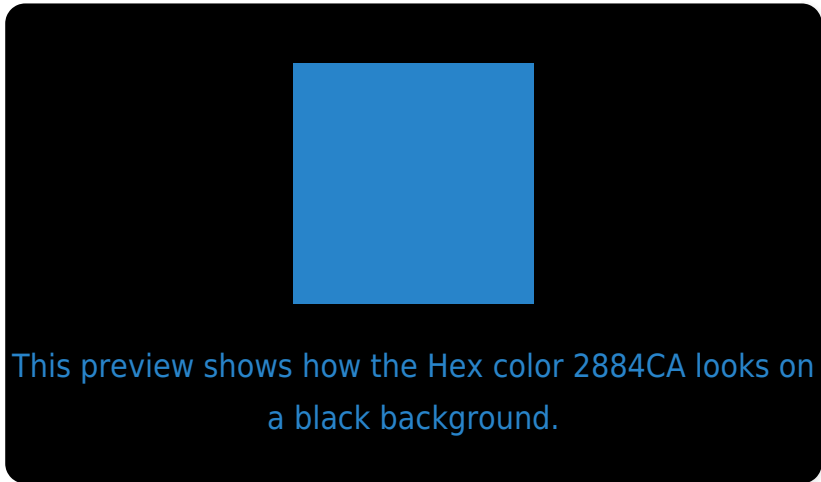
Large Text (above 18pt) WCAG AA ✓ Pass

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

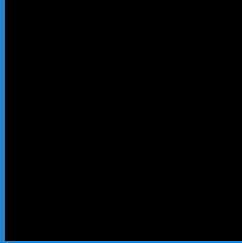
Any Text WCAG AA ✓ Pass

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 2884CA Background



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

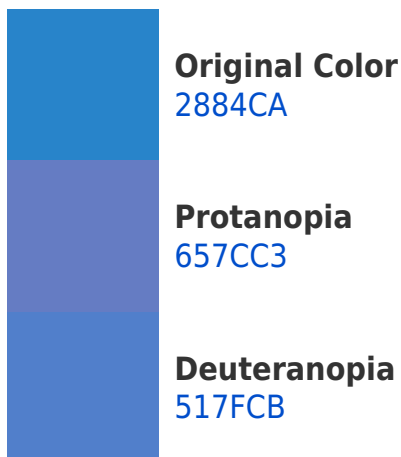


This preview shows how white text looks on a background with the Hex color 2884CA.

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](#).

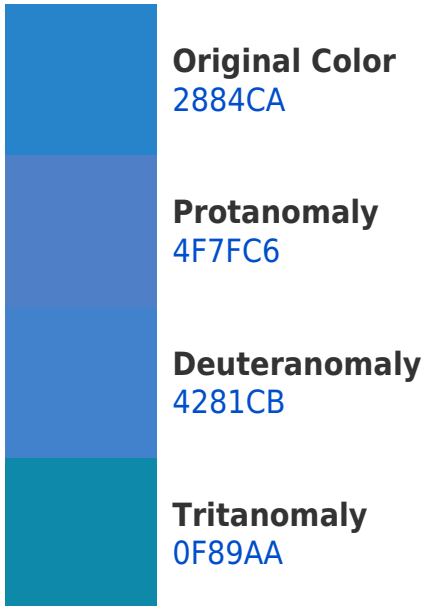
Dichromacy



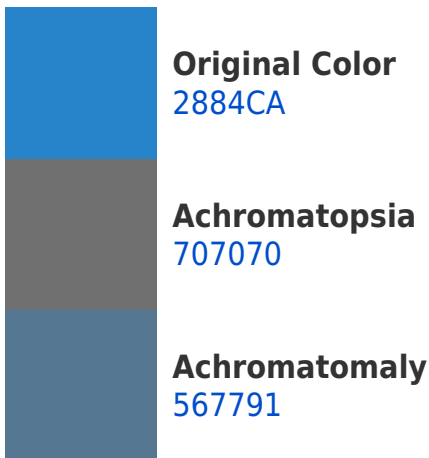


Tritanopia
008C97

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #2884CA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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