

# Converting Colors

Hex(2884AB)

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

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# Color

**Hex(2884AB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2884AB
RGB	40, 132, 171
RGB Percent	16%, 52%, 67%
CMY	0.8431, 0.4824, 0.3294
CMYK	0.77, 0.23, 0.00, 0.33
HSL	198°, 62%, 41%
HSV	198°, 77%, 67%
XYZ	16.4770, 19.8939, 41.4996
YIQ	108.9380, -67.3510, -7.3750

# Conversions

## Conversions Part 2

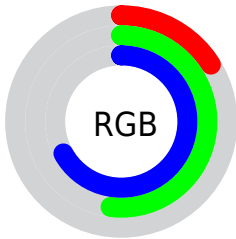
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 94, 171
Decimal	2655403
CIELab	51.72, -13.09, -28.25
CIElCh	52, 31.139, 245.142
Yxy	19.8939, 0.2116, 0.2555
Android (android.graphics.Color)	4280845483 (0xFF2884AB)
YUV	108.9380, 30.5966, -60.4586
Hunter-Lab	44.6026, -12.1134, -23.9433

# Details

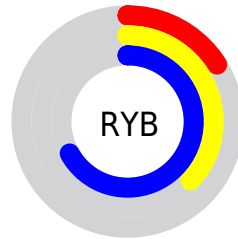
The Hex color **2884AB** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AB4F28**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **69B9E2**, and **005377** is the 20% darker color. If you saturate the color by 10%, you get **177FAB**, and if you desaturate by 10%, it is **3989AB**.

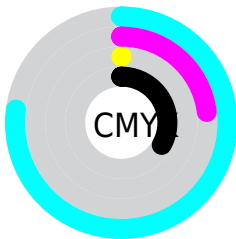
# Distribution



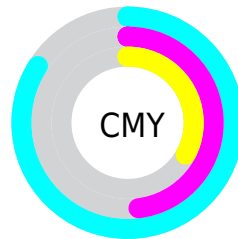
- Red (16%)
- Green (52%)
- Blue (67%)



- Red (16%)
- Yellow (37%)
- Blue (67%)



- Cyan (77%)
- Magenta (23%)
- Yellow (0%)
- Black (33%)



- Cyan (84%)
- Magenta (48%)
- Yellow (33%)

# Brightness & Saturation Gradients

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



■ 2884AB

■ 2884AB

FFFFFF

■ 006B90

■ 69B9E2

■ 005377

■ 86D5FF

■ 003B5E

■ A3F1FF

■ 002646

■ C1FFFF

■ 000F2F

■ DEFFFF

■ 00011A

■ FCFFFF

■ 000000

■ 2884AB

■ 2884AB

■ 177FAB

■ 3989AB

067AAB

4A8EAB

0078AB

5B93AB

6C98AB

7D9DAB

8FA3AB

A0A8AB

B1ADAB

C2B2AB

# Harmonies

## Analogous

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



008899



2884AB



5B7CB0

# Triad

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



2884AB



AE6678



6C834F

# Complementary

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



2884AB



AB4F28

# 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.



887B45



2884AB



AD6A5E

# Square

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



2884AB



A16A92



9F724B



4B8864

# Rectangle

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



2884AB



7876AB



9F724B



76804A



# Sweetspot

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



2884AB



ABCFDE



28AB4D



516770



F0F0F0



707070



# Same Dimension

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



2884AB



12A1DE



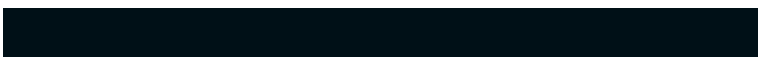
2844AB



4E5457



006A96



001017



# Inverse Universe

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



AB2884



DE12A1



AB8F28



574E54



96006A



170010



# Previews

## White Background



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

## Color Contrast Check

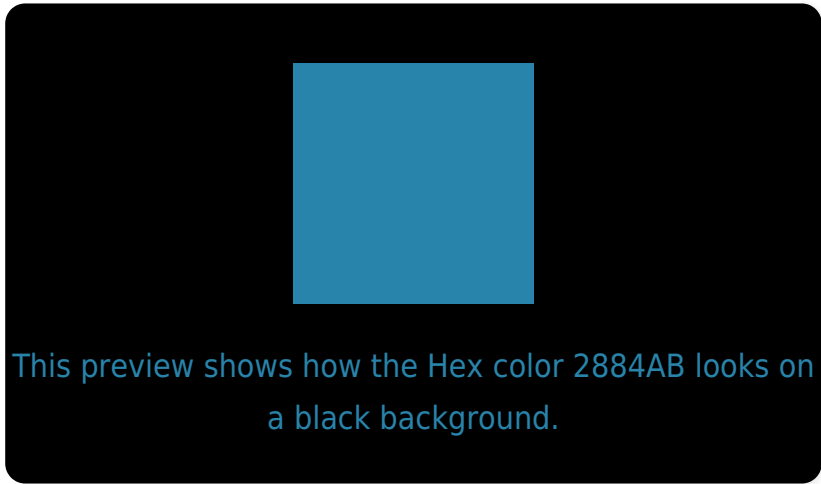
Large Text (above 18pt) WCAG AA ✓ Pass

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

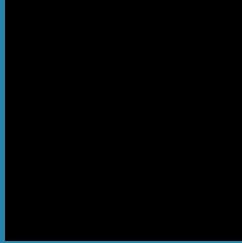
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2884AB Background



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

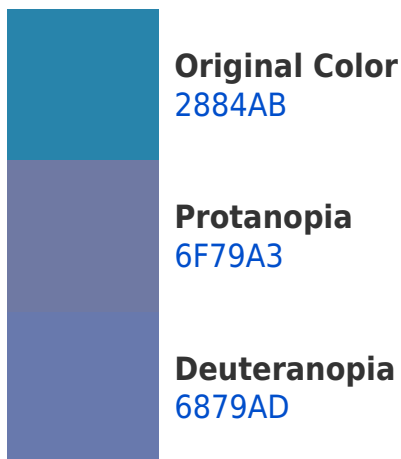


This preview shows how white text looks on a background with the Hex color 2884AB.

# 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](#).

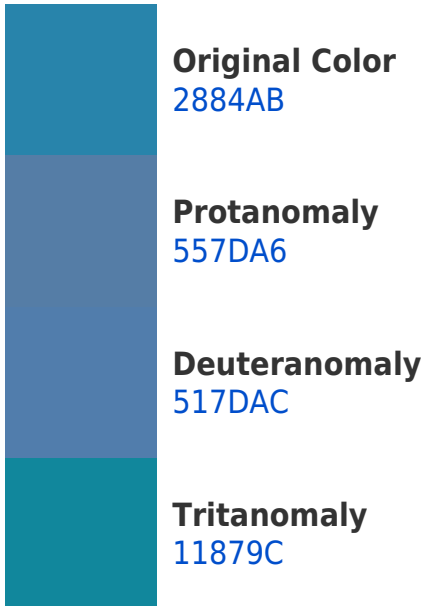
## Dichromacy



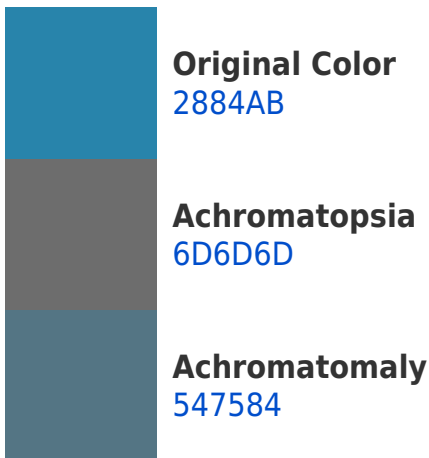


**Tritanopia**  
048893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #2884AB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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