

# Converting Colors

Hex(3280AF)

Have a look what the booklet for  
Hex(3280AF) contains.

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**Color**

**Hex(3280AF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3280AF
RGB	50, 128, 175
RGB Percent	20%, 50%, 69%
CMY	0.8039, 0.4980, 0.3137
CMYK	0.71, 0.27, 0.00, 0.31
HSL	203°, 56%, 44%
HSV	203°, 71%, 69%
XYZ	16.7724, 19.2116, 43.3816
YIQ	110.0360, -61.5750, -1.9190

# Conversions

## Conversions Part 2

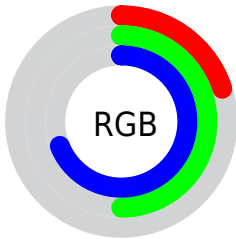
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 98, 175
Decimal	3309743
CIELab	50.93, -8.06, -31.76
CIELCh	51, 32.770, 255.766
Yxy	19.2116, 0.2113, 0.2421
Android (android.graphics.Color)	4281499823 (0xFF3280AF)
YUV	110.0360, 32.0273, -52.6516
Hunter-Lab	43.8310, -8.3993, -28.0004

# Details

The Hex color **3280AF** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AF6132**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **70B5E7**, and **004F7A** is the 20% darker color. If you saturate the color by 10%, you get **2179AF**, and if you desaturate by 10%, it is **4487AF**.

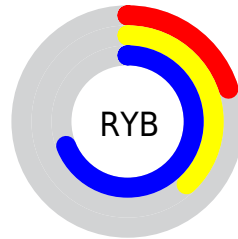
# Distribution



Red (20%)

Green (50%)

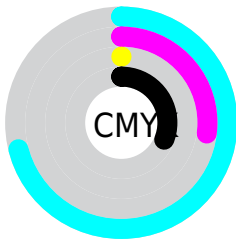
Blue (69%)



Red (20%)

Yellow (38%)

Blue (69%)

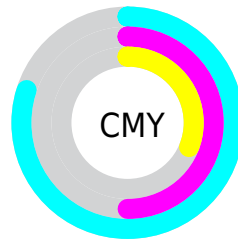


Cyan (71%)

Magenta (27%)

Yellow (0%)

Black (31%)



Cyan (80%)

Magenta (50%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3280AF 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 3280AF by changing the saturation by 10% instead.



■ 3280AF

■ 3280AF

FFFFFF

■ 006794

■ 70B5E7

■ 004F7A

■ 8DD0FF

■ 003861

■ A9ECFF

■ 002349

■ C7FFFF

■ 000B32

■ E4FFFF

■ 00021D

■ 000000

■ 3280AF

■ 3280AF

■ 2179AF

■ 4487AF

0F73AF

558DAF

006DAF

6694AF

789AAF

8AA1AF

9BA7AF

ACAEAF

BEB5AF

DOBBAF

# Harmonies

## Analogous

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



0086A1



3280AF



6877AF

# Triad

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



3280AF



AF636B



5D8351

# Complementary

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



3280AF



AF6132

# 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.



7C7C42



3280AF



A96952

# Square

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



3280AF



A76588



977343



37876B

# Rectangle

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



3280AF



8370A7



977343



68814B



# Sweetspot

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



3280AF



B3D1E3



32AF60



566873



F2F2F2



737373



# Same Dimension

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



3280AF



209AE3



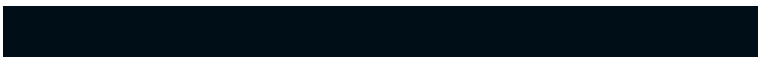
3243AF



4E5357



005E96



000E17



# Inverse Universe

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



AF3280



E3209A



AF9E32



574E53



96005E



17000E



# Previews

## White Background



This preview shows how the Hex color 3280AF looks on a white background.

## Color Contrast Check

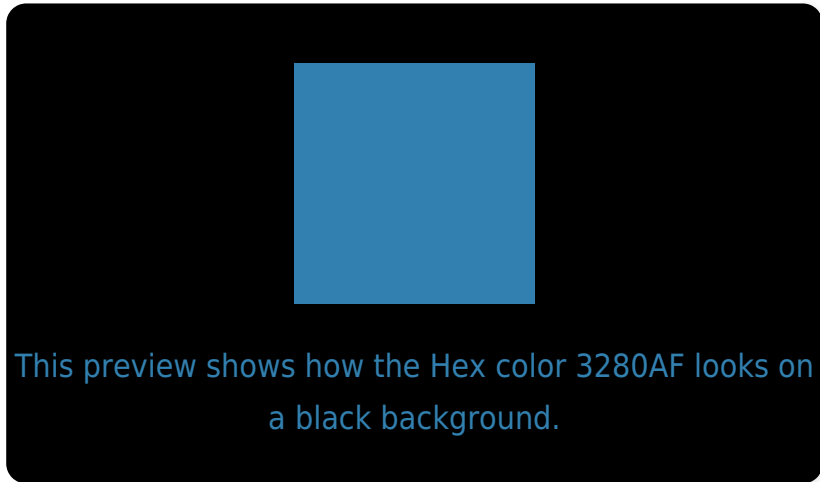
Large Text (above 18pt) WCAG AA ✓ Pass

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

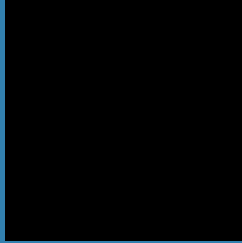
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

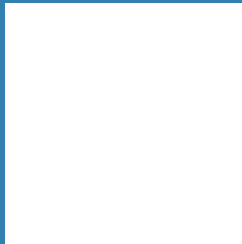
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3280AF Background



This preview shows how black text looks on a background with the Hex color 3280AF.

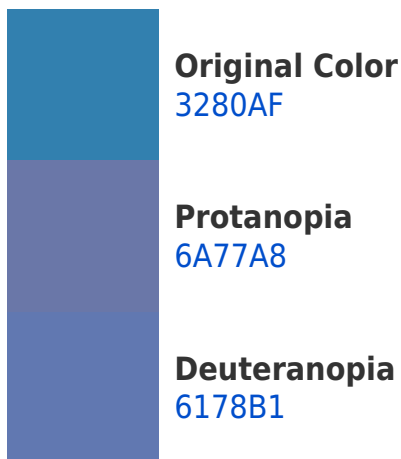


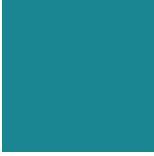
This preview shows how white text looks on a background with the Hex color 3280AF.

# 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](#).

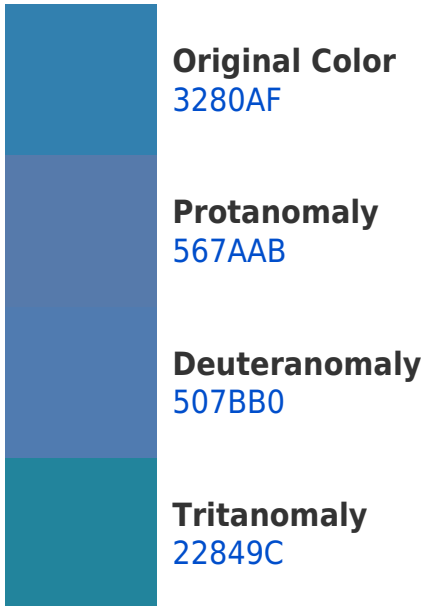
## Dichromacy





**Tritanopia**  
198691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3280AF 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 #3280AF looks like.

```
.text, #text, p{  
    color:#3280AF  
}
```

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 #3280AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3280AF
}
```

## Border

The CSS property to change the border of an element to Hex 3280AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

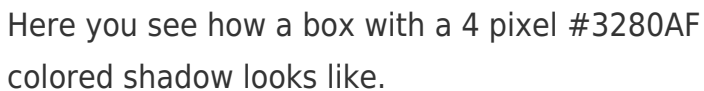
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3280AF }
```

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

```
.border{ border-color:#3280AF }
```

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



Here you see how a box with a 4 pixel #3280AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3280AF; -webkit-box-shadow:4px 4px  
4px 4px #3280AF; box-shadow:4px 4px 4px  
4px #3280AF }
```

# Background

The CSS property to change the background color of an element to Hex 3280AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3280AF }
```

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

```
.background{ background-color:#3280AF }
```

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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