

# Converting Colors

Hex(3280B6)

Have a look what the booklet for  
Hex(3280B6) contains.

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# Color

**Hex(3280B6)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 3280B6                     |
| RGB           | 50, 128, 182               |
| RGB Percent   | 20%, 50%, 71%              |
| CMY           | 0.8039, 0.4980, 0.2863     |
| CMYK          | 0.73, 0.30, 0.00, 0.29     |
| HSL           | 205°, 57%, 45%             |
| HSV           | 205°, 73%, 71%             |
| XYZ           | 17.4781, 19.4939, 47.0975  |
| YIQ           | 110.8340, -63.8220, 0.2580 |

# Conversions

## Conversions Part 2

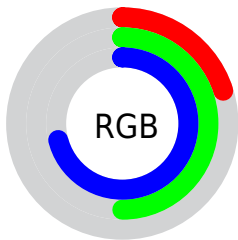
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 50, 99, 182                    |
| Decimal                             | 3309750                        |
| CIE <sub>Lab</sub>                  | 51.26, -5.58, -35.29           |
| CIE <sub>LCh</sub>                  | 51, 35.728, 261.007            |
| Yxy                                 | 19.4939, 0.2079,<br>0.2319     |
| Android<br>(android.graphics.Color) | 4281499830<br>(0xFF3280B6)     |
| YUV                                 | 110.8340, 35.0848,<br>-53.3514 |
| Hunter-Lab                          | 44.1518, -6.6043,<br>-32.3393  |

# Details

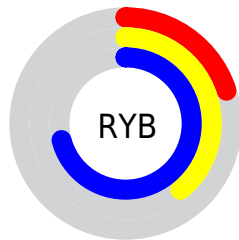
The Hex color **3280B6** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **B66832**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **71B5EE**, and **004F81** is the 20% darker color. If you saturate the color by 10%, you get **2079B6**, and if you desaturate by 10%, it is **4487B6**.

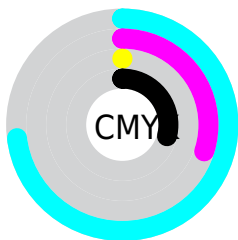
# Distribution



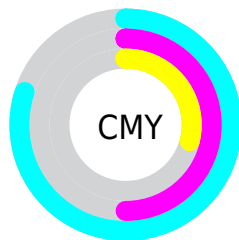
- Red (20%)
- Green (50%)
- Blue (71%)



- Red (20%)
- Yellow (39%)
- Blue (71%)



- Cyan (73%)
- Magenta (30%)
- Yellow (0%)
- Black (29%)



- Cyan (80%)
- Magenta (50%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3280B6 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 3280B6 by changing the saturation by 10% instead.



 3280B6

 3280B6

FFFFFF

 00679B

 71B5EE

 004F81

 8ED0FF

 003967

 ABECFF

 00234F

 C8FFFF

 000D38

 E6FFFF

 000222

 000007

 000000

 3280B6

 3280B6

■ 2079B6

■ 4487B6

■ 0E71B6

■ 568FB6

■ 006CB6

■ 6996B6

■ 7B9EB6

■ 8DA5B6

■ 9FADB6

■ B1B4B6

■ C4BCB6

■ D6C3B6

# Harmonies

## Analogous

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



0087A9



3280B6



6F76B3

# Triad

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



3280B6



B46266



548652

# Complementary

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



3280B6



B66832

# 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.



787F3F



3280B6



AB6A4C

# Square

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



3280B6



AE6285



95753D



228970

# Rectangle

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



3280B6



8C6EA8



95753D



61844B



# Sweetspot

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



3280B6



B9D8ED



32B667



596B78



F7F7F7



787878



# Same Dimension

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



3280B6



1F99ED



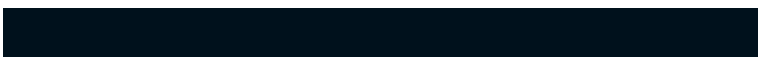
323FB6



53585C



005C9C



00111C



# Inverse Universe

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



B63280



ED1F99



B6A932



5C5358



9C005C



1C0011



# Previews

## White Background



This preview shows how the Hex color 3280B6 looks on a white background.

## Color Contrast Check

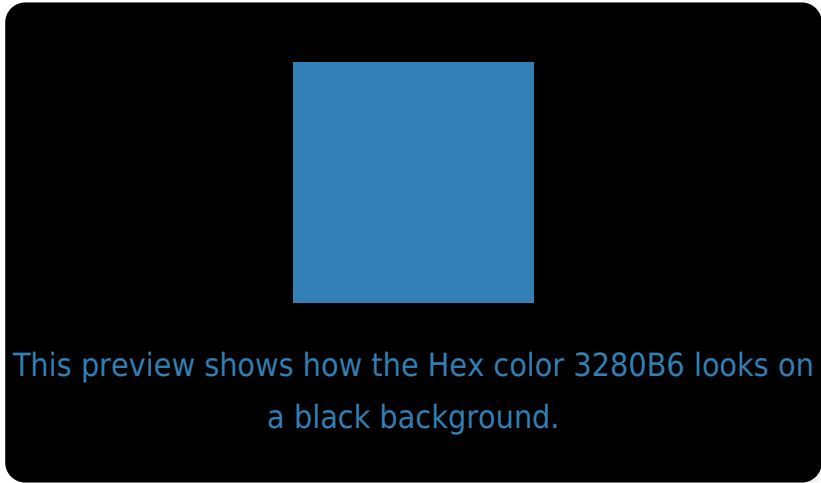
Large Text (above 18pt) WCAG AA ✓ Pass

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

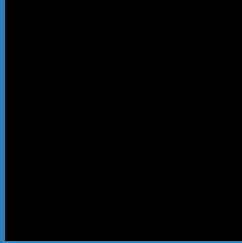
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

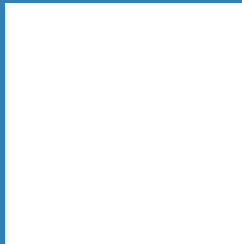
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3280B6 Background



This preview shows how black text looks on a background with the Hex color 3280B6.

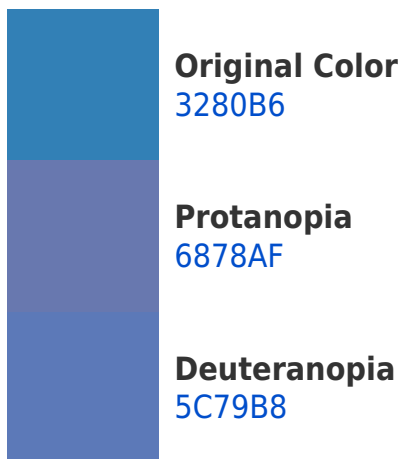


This preview shows how white text looks on a background with the Hex color 3280B6.

# 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](#).

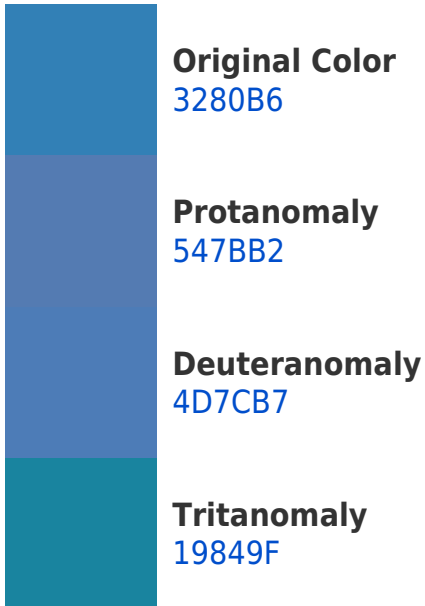
## Dichromacy



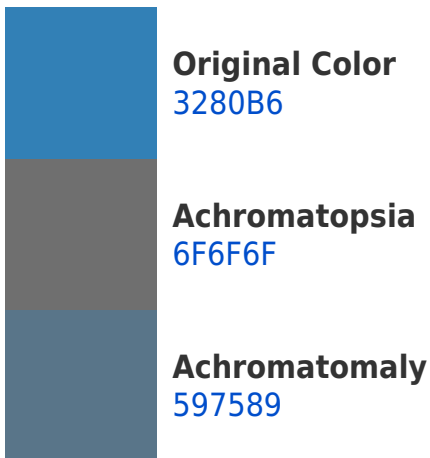


**Tritanopia**  
0B8792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3280B6 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 #3280B6 looks like.

```
.text, #text, p{  
    color:#3280B6  
}
```

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 #3280B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3280B6
}
```

## Border

The CSS property to change the border of an element to Hex 3280B6 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
#3280B6 }
```

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

```
.border{ border-color:#3280B6 }
```

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

Here you see how a box with a 4 pixel #3280B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3280B6; -webkit-box-shadow:4px 4px  
4px 4px #3280B6; box-shadow:4px 4px 4px  
4px #3280B6 }
```

# Background

The CSS property to change the background color of an element to Hex 3280B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3280B6 }
```

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

```
.background{ background-color:#3280B6 }
```

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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