

# Converting Colors

Hex(3182A8)

Have a look what the booklet for  
Hex(3182A8) contains.

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# Color

**Hex(3182A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3182A8
RGB	49, 130, 168
RGB Percent	19%, 51%, 66%
CMY	0.8078, 0.4902, 0.3412
CMYK	0.71, 0.23, 0.00, 0.34
HSL	199°, 55%, 43%
HSV	199°, 71%, 66%
XYZ	16.3171, 19.4454, 39.9391
YIQ	110.1130, -60.4740, -5.3540

# Conversions

## Conversions Part 2

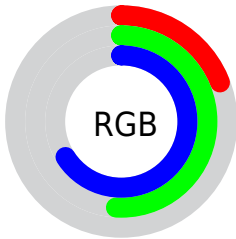
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 97, 168
Decimal	3244712
CIELab	51.20, -11.78, -27.30
CIElCh	51, 29.733, 246.650
Yxy	19.4454, 0.2155, 0.2569
Android (android.graphics.Color)	4281434792 (0xFF3182A8)
YUV	110.1130, 28.5383, -53.5961
Hunter-Lab	44.0969, -11.1194, -22.8318




# Details

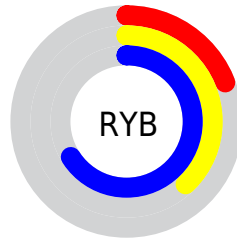
The Hex color **3182A8** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **A85731**, and the grayscale version is **6E6E6E**.




A 20% lighter version of the original color is **6EB7DF**, and **005174** is the 20% darker color. If you saturate the color by 10%, you get **207DA8**, and if you desaturate by 10%, it is **4287A8**.

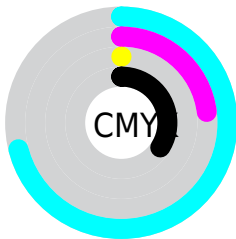
# Distribution







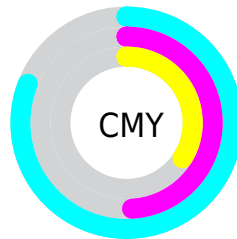
-  Red (19%)
-  Green (51%)
-  Blue (66%)






-  Red (19%)
-  Yellow (38%)
-  Blue (66%)



-  Cyan (71%)
-  Magenta (23%)
-  Yellow (0%)
-  Black (34%)



-  Cyan (81%)
-  Magenta (49%)
-  Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3182A8 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 3182A8 by changing the saturation by 10% instead.



■ 3182A8

■ 3182A8

FFFFFF

■ 00698D

■ 6EB7DF

■ 005174

■ 8BD3FC

■ 003A5B

■ A7EFFF

■ 002443

■ C5FFFF

■ 000C2D

■ E2FFFF

■ 000118

■ 000000

■ 3182A8

■ 3182A8

■ 207DA8

■ 4287A8

0F77A8

538DA8

0072A8

6392A8

7497A8

859DA8

96A2A8

A7A8A8

B7ADA8

C8B2A8

# Harmonies

## Analogous

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



078697



3182A8



5E7BAC

# Triad

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



3182A8



AB6675



6A8150

# Complementary

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



3182A8



A85731

# 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.



857A47



3182A8



A96A5D

# Square

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



3182A8



9F698F



9B724C



4B8665

# Rectangle

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



3182A8



7974A7



9B724C



737F4C



# Sweetspot

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



3182A8



ADCDD8



31A857



52656E



EDEDED



6E6E6E



# Same Dimension

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



3182A8



21A0DB



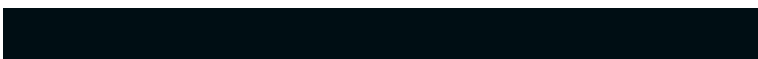
3147A8



4C5154



006594



000E14



# Inverse Universe

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



A83182



DB21A0



A89231



544C51



940065



14000E



# Previews

## White Background



This preview shows how the Hex color 3182A8 looks on a white background.

## Color Contrast Check

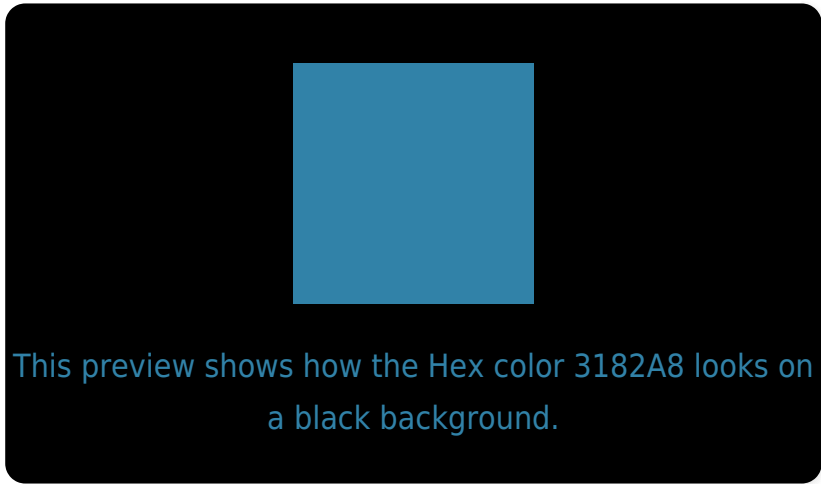
Large Text (above 18pt) WCAG AA ✓ Pass

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

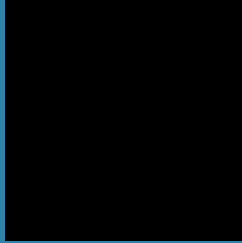
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3182A8 Background



This preview shows how black text looks on a background with the Hex color 3182A8.

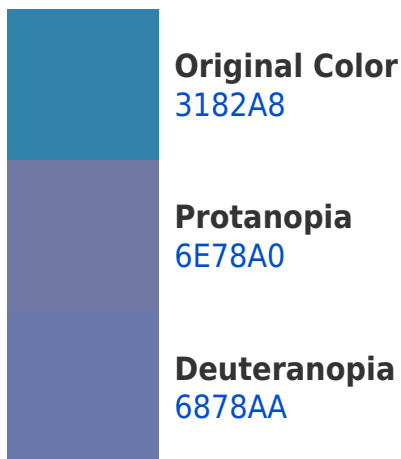


This preview shows how white text looks on a background with the Hex color 3182A8.

# 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](#).

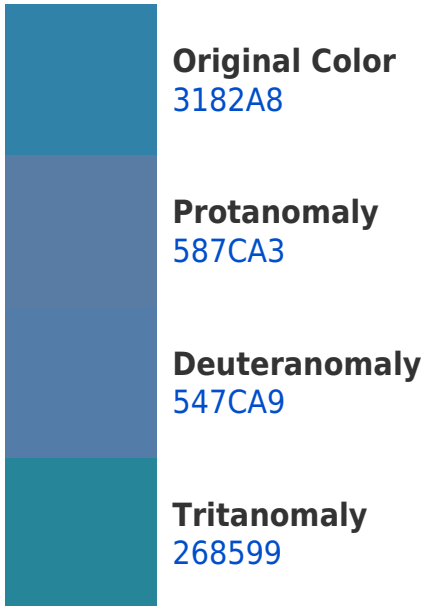
## Dichromacy



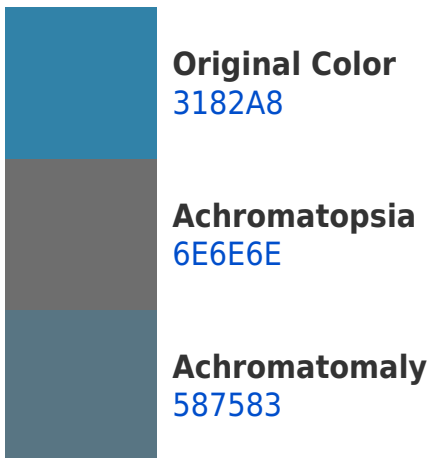


**Tritanopia**  
208691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3182A8 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 #3182A8 looks like.

```
.text, #text, p{  
    color:#3182A8  
}
```

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 #3182A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3182A8
}
```

## Border

The CSS property to change the border of an element to Hex 3182A8 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
#3182A8 }
```

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

```
.border{ border-color:#3182A8 }
```

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

Here you see how a box with a 4 pixel #3182A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3182A8; -webkit-box-shadow:4px 4px  
4px 4px #3182A8; box-shadow:4px 4px 4px  
4px #3182A8 }
```

# Background

The CSS property to change the background color of an element to Hex 3182A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3182A8 }
```

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

```
.background{ background-color:#3182A8 }
```

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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