

# Converting Colors

Hex(1183A0)

Have a look what the booklet for  
Hex(1183A0) contains.

<b>Hex(1183A0)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(1183A0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1183A0
RGB	17, 131, 160
RGB Percent	7%, 51%, 63%
CMY	0.9333, 0.4863, 0.3725
CMYK	0.89, 0.18, 0.00, 0.37
HSL	192°, 81%, 35%
HSV	192°, 89%, 63%
XYZ	14.6926, 18.8898, 36.1294
YIQ	100.2200, -77.2530, -15.1490

# Conversions

## Conversions Part 2

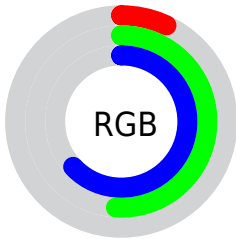
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 80, 160
Decimal	1147808
CIELab	50.56, -18.55, -23.71
CIELCh	51, 30.099, 231.965
Yxy	18.8898, 0.2108, 0.2710
Android (android.graphics.Color)	4279337888 (0xFF1183A0)
YUV	100.2200, 29.4715, -72.9839
Hunter-Lab	43.4624, -15.7167, -18.8628

# Details

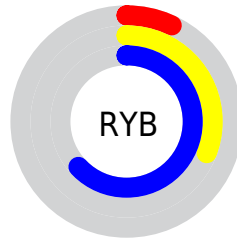
The Hex color **1183A0** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A02E11**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5DB8D7**, and **00516C** is the 20% darker color. If you saturate the color by 10%, you get **0180A0**, and if you desaturate by 10%, it is **2186A0**.

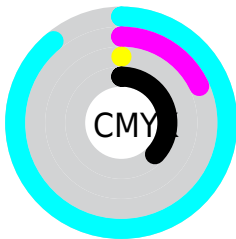
# Distribution



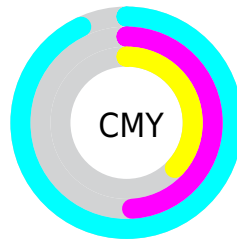
- Red (7%)
- Green (51%)
- Blue (63%)



- Red (7%)
- Yellow (31%)
- Blue (63%)



- Cyan (89%)
- Magenta (18%)
- Yellow (0%)
- Black (37%)



- Cyan (93%)
- Magenta (49%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1183A0 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 1183A0 by changing the saturation by 10% instead.



■ 1183A0

■ 1183A0

FFFFFF

■ 006A86

■ 5DB8D7

■ 00516C

■ 7AD4F3

■ 003A54

■ 98F0FF

■ 00243D

■ B5FFFF

■ 000627

■ D3FFFF

■ 000111

■ F1FFFF

■ 000000

■ 1183A0

■ 1183A0

■ 0180A0

■ 2186A0

■ 0080A0

■ 3189A0

■ 418DA0

■ 5190A0

■ 6193A0

■ 7196A0

■ 819AA0

■ 919DA0

■ A1A0A0

# Harmonies

## Analogous

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



06868B



1183A0



467DAB

# Triad

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



1183A0



A56580



767D48

# Complementary

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



1183A0



A02E11

# 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.



8F7445



1183A0



AA6566

# Square

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



1183A0



926B98



A26C51



588258

# Rectangle

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



1183A0



6477AA



A26C51



7F7A45



# Sweetspot

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



1183A0



99C6D1



11A02E



476269



E8E8E8



696969



# Same Dimension

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



1183A0



00A7D1



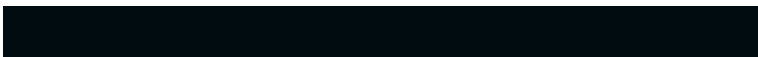
113CA0



474D4F



00728F



000C0F



# Inverse Universe

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



A01183



D100A7



A07511



4F474D



8F0072



0F000C



# Previews

## White Background



This preview shows how the Hex color 1183A0 looks on a white background.

## Color Contrast Check

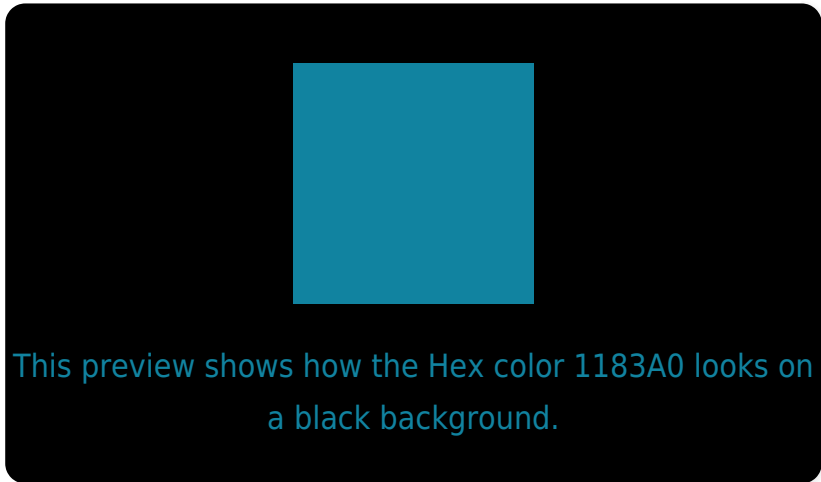
Large Text (above 18pt) WCAG AA ✓ Pass

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

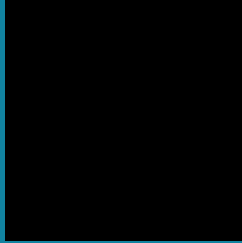
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1183A0 Background



This preview shows how black text looks on a background with the Hex color 1183A0.

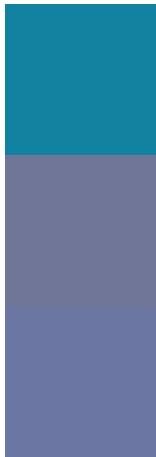


This preview shows how white text looks on a background with the Hex color 1183A0.

# 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



**Original Color**  
1183A0

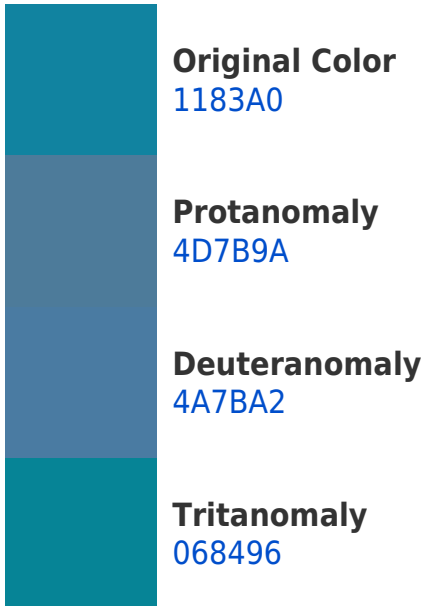
**Protanopia**  
707697

**Deuteranopia**  
6B76A3

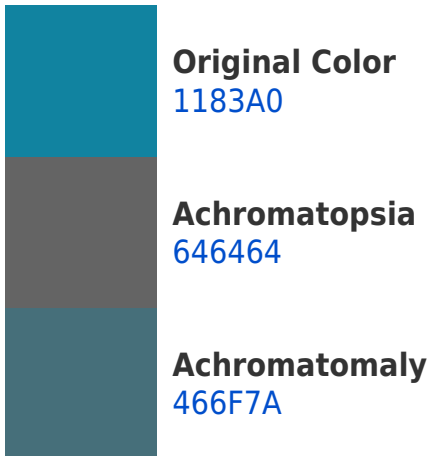


**Tritanopia**  
008590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1183A0 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 #1183A0 looks like.

```
.text, #text, p{  
    color:#1183A0  
}
```

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 #1183A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1183A0
}
```

## Border

The CSS property to change the border of an element to Hex 1183A0 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
#1183A0 }
```

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

```
.border{ border-color:#1183A0 }
```

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

Here you see how a box with a 4 pixel #1183A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1183A0; -webkit-box-shadow:4px 4px  
4px 4px #1183A0; box-shadow:4px 4px 4px  
4px #1183A0 }
```

# Background

The CSS property to change the background color of an element to Hex 1183A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1183A0 }
```

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

```
.background{ background-color:#1183A0 }
```

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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