

# Converting Colors

Hex(1A8696)

Have a look what the booklet for  
Hex(1A8696) contains.

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**Color**

**Hex(1A8696)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1A8696
RGB	26, 134, 150
RGB Percent	10%, 53%, 59%
CMY	0.8980, 0.4745, 0.4118
CMYK	0.83, 0.11, 0.00, 0.41
HSL	188°, 70%, 35%
HSV	188°, 83%, 59%
XYZ	14.4561, 19.4718, 31.8507
YIQ	103.5320, -69.5040, -17.9200

# Conversions

## Conversions Part 2

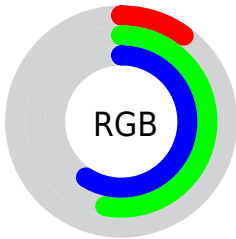
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 84, 150
Decimal	1738390
CIE <sub>Lab</sub>	51.23, -22.91, -16.84
CIE <sub>LCh</sub>	51, 28.434, 216.323
Yxy	19.4718, 0.2198, 0.2960
Android (android.graphics.Color)	4279928470 (0xFF1A8696)
YUV	103.5320, 22.9087, -67.9956
Hunter-Lab	44.1269, -18.7448, -11.9066

# Details

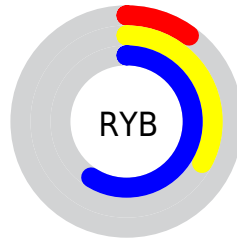
The Hex color **1A8696** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **962A1A**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **5FBBC0**, and **005463** is the 20% darker color. If you saturate the color by 10%, you get **0B8496**, and if you desaturate by 10%, it is **298896**.

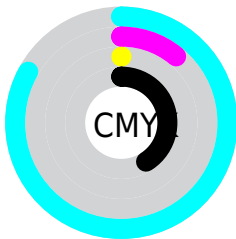
# Distribution



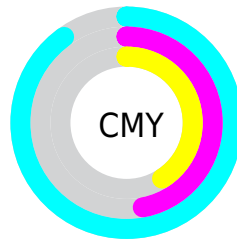
- Red (10%)
- Green (53%)
- Blue (59%)



- Red (10%)
- Yellow (33%)
- Blue (59%)



- Cyan (83%)
- Magenta (11%)
- Yellow (0%)
- Black (41%)



- Cyan (90%)
- Magenta (47%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A8696 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 1A8696 by changing the saturation by 10% instead.



■ 1A8696

■ 1A8696

FFFFFF

■ 006D7C

■ 5FBBCC

■ 005463

■ 7CD7E8

■ 003C4B

■ 99F4FF

■ 002635

■ B6FFFF

■ 000A20

■ D3FFFF

■ 000004

■ F1FFFF

■ 000000

■ 1A8696

■ 1A8696

■ 0B8496

■ 298896

■ 008396

■ 388A96

■ 478C96

■ 568E96

■ 659096

■ 749296

■ 839496

■ 929596

■ A19796

# Harmonies

## Analogous

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



2E877F



1A8696



3782A6

# Triad

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



1A8696



9D6A8E



857A49

# Complementary

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



1A8696



962A1A

# 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.



9A724E



1A8696



A96776

# Square

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



1A8696



8472A1



A76A5E



6B8152

# Rectangle

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



1A8696



527DAA



A76A5E



8D7849



# Sweetspot

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



1A8696



91BCC2



1A9628



445D61



E0E0E0



616161



# Same Dimension

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



1A8696



02A9C2



1A4A96



43494A



00788A



00090A



# Inverse Universe

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



961A86



C202A9



96661A



4A4349



8A0078



0A0009



# Previews

## White Background



This preview shows how the Hex color 1A8696 looks on a white background.

## Color Contrast Check

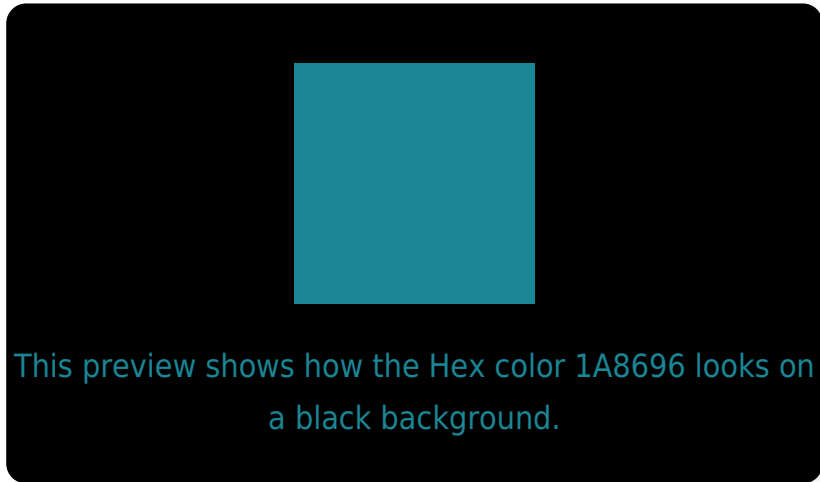
Large Text (above 18pt) WCAG AA ✓ Pass

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

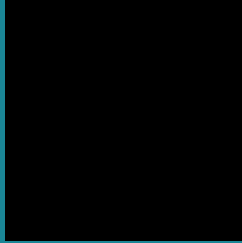
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1A8696 Background



This preview shows how black text looks on a background with the Hex color 1A8696.

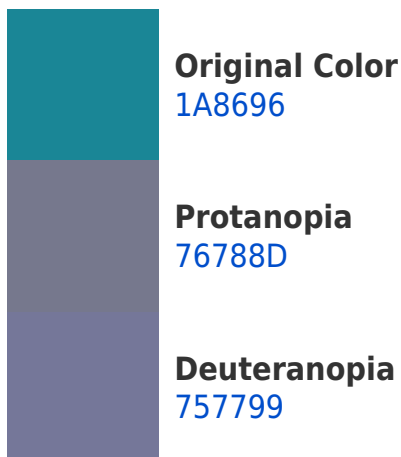


This preview shows how white text looks on a background with the Hex color 1A8696.

# 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](#).

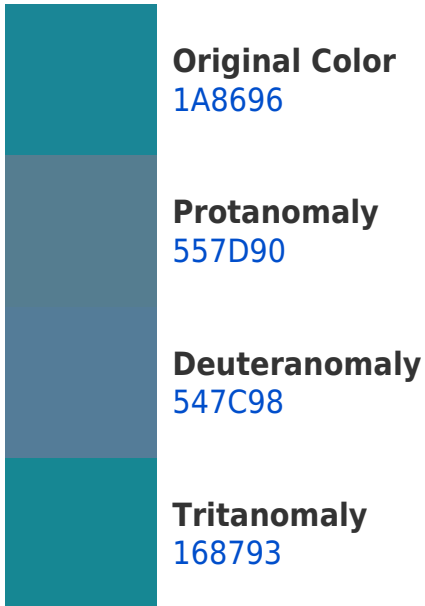
## Dichromacy





**Tritanopia**  
148792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A8696 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 #1A8696 looks like.

```
.text, #text, p{  
    color:#1A8696  
}
```

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 #1A8696 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A8696
}
```

## Border

The CSS property to change the border of an element to Hex 1A8696 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
#1A8696 }
```

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

```
.border{ border-color:#1A8696 }
```

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

Here you see how a box with a 4 pixel #1A8696 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A8696; -webkit-box-shadow:4px 4px  
4px 4px #1A8696; box-shadow:4px 4px 4px  
4px #1A8696 }
```

# Background

The CSS property to change the background color of an element to Hex 1A8696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A8696 }
```

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

```
.background{ background-color:#1A8696 }
```

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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