

# Converting Colors

Hex(1A708B)

Have a look what the booklet for  
Hex(1A708B) contains.

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# Color

Hex(1A708B)

# Conversions

## Conversions Part 1

Format	Color
Hex	1A708B
RGB	26, 112, 139
RGB Percent	10%, 44%, 55%
CMY	0.8980, 0.5608, 0.4549
CMYK	0.81, 0.19, 0.00, 0.45
HSL	194°, 68%, 32%
HSV	194°, 81%, 55%
XYZ	10.8804, 13.6720, 26.4916
YIQ	89.3640, -59.9230, -9.8350

# Conversions

## Conversions Part 2

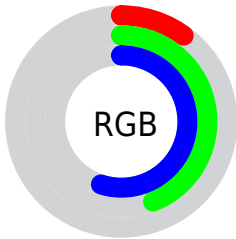
Format	Color
R <sub>Y</sub> B	26, 75, 139
Decimal	1732747
CIE Lab	43.76, -14.81, -21.82
CIE LCh	44, 26.373, 235.847
Yxy	13.6720, 0.2132, 0.2678
Android (android.graphics.Color)	4279922827 (0xFF1A708B)
YUV	89.3640, 24.4705, -55.5702
Hunter-Lab	36.9757, -12.1826, -16.5959

# Details

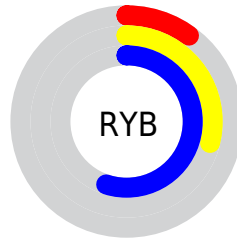
The Hex color **1A708B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8B351A**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **5AA4C1**, and **004059** is the 20% darker color. If you saturate the color by 10%, you get **0C6D8B**, and if you desaturate by 10%, it is **28738B**.

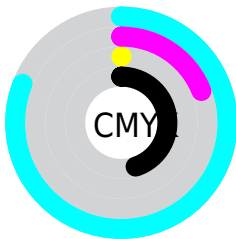
# Distribution



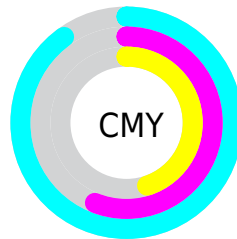
- Red (10%)
- Green (44%)
- Blue (55%)



- Red (10%)
- Yellow (29%)
- Blue (55%)



- Cyan (81%)
- Magenta (19%)
- Yellow (0%)
- Black (45%)



- Cyan (90%)
- Magenta (56%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A708B 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 1A708B by changing the saturation by 10% instead.



■ 1A708B

■ 1A708B

FFFFFF

■ 005871

■ 5AA4C1

■ 004059

■ 77BFDD

■ 002A41

■ 93DBF9

■ 00172B

■ B0F7FF

■ 000116

■ CCFFFF

■ 000000

■ EAFFFF

■ 1A708B

■ 1A708B

■ 0C6D8B

■ 28738B

006A8B

36778B

447A8B

527D8B

5F818B

6D848B

7B878B

898B8B

978E8B

# Harmonies

## Analogous

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



0A737A



1A708B



426A93

# Triad

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



1A708B



8F576B



626C3F

# Complementary

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



1A708B



8B351A

# 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.



79653C



1A708B



925855

# Square

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



1A708B



805B80



895D44



49714E

# Rectangle

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



1A708B



5B6691



895D44



6A6A3D



# Sweetspot

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



1A708B



8AABB5



1A8B34



41555C



DBDBDB



5C5C5C



# Same Dimension

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



1A708B



048BB5



1A388B



3E4345



006585



000405



# Inverse Universe

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



8B1A70



B5048B



8B6D1A



453E43



850065



050004



# Previews

## White Background



This preview shows how the Hex color 1A708B looks on a white background.

### Color Contrast Check

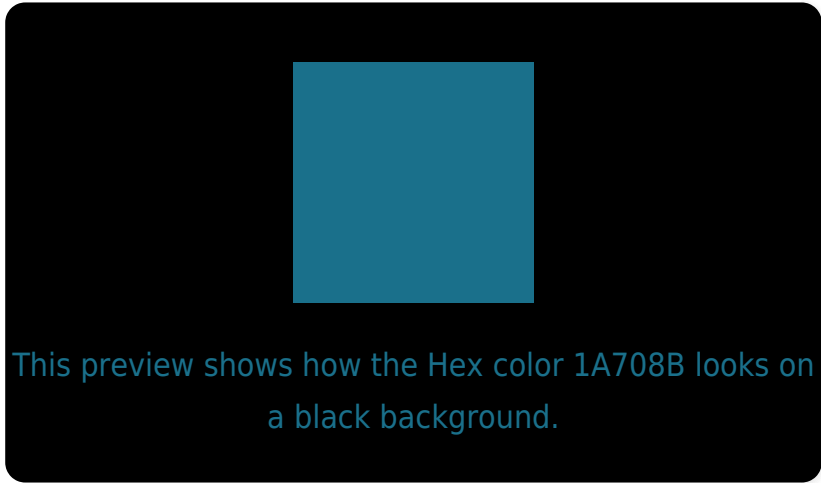
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

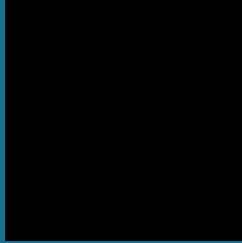
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1A708B Background



This preview shows how black text looks on a background with the Hex color 1A708B.

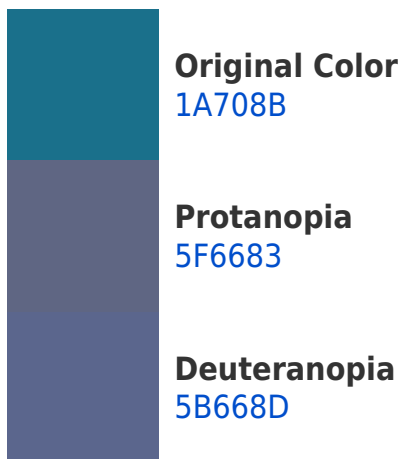


This preview shows how white text looks on a background with the Hex color 1A708B.

# 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](#).

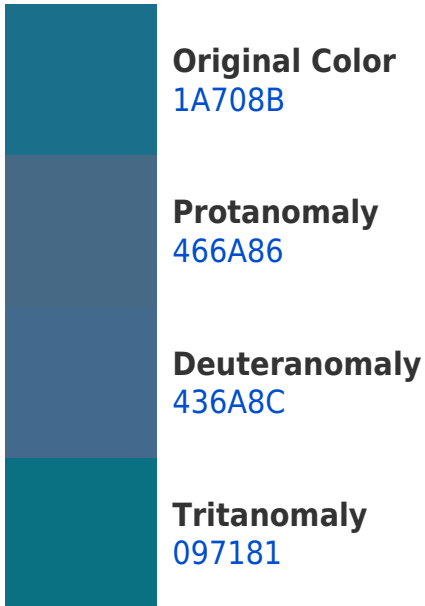
## Dichromacy



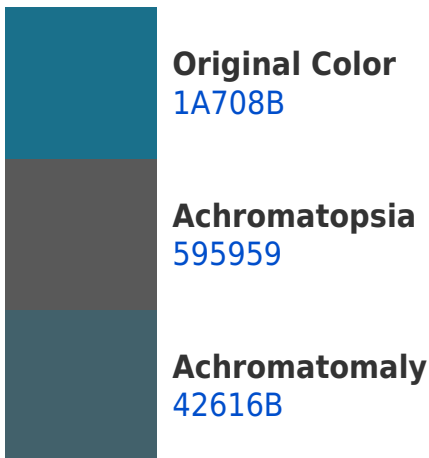


**Tritanopia**  
00727C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A708B 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 #1A708B looks like.

```
.text, #text, p{  
    color:#1A708B  
}
```

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 #1A708B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A708B
}
```

## Border

The CSS property to change the border of an element to Hex 1A708B 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
#1A708B }
```

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

```
.border{ border-color:#1A708B }
```

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

Here you see how a box with a 4 pixel #1A708B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A708B; -webkit-box-shadow:4px 4px  
4px 4px #1A708B; box-shadow:4px 4px 4px  
4px #1A708B }
```

# Background

The CSS property to change the background color of an element to Hex 1A708B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A708B }
```

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

```
.background{ background-color:#1A708B }
```

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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