

# Converting Colors

Hex(158C91)

Have a look what the booklet for  
Hex(158C91) contains.

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# Color

**Hex(158C91)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 158C91                       |
| RGB         | 21, 140, 145                 |
| RGB Percent | 8%, 55%, 57%                 |
| CMY         | 0.9176, 0.4510, 0.4314       |
| CMYK        | 0.86, 0.03, 0.00, 0.43       |
| HSL         | 182°, 75%, 33%               |
| HSV         | 182°, 86%, 57%               |
| XYZ         | 14.7982, 20.9599, 30.0538    |
| YIQ         | 104.9890, -72.5290, -23.6730 |

# Conversions

## Conversions Part 2

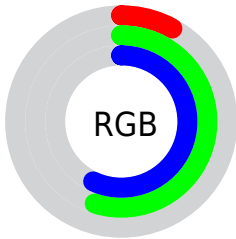
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 21, 82, 145                    |
| Decimal                             | 1412241                        |
| CIELab                              | 52.91, -28.02, -11.42          |
| CIELCh                              | 53, 30.259, 202.167            |
| Yxy                                 | 20.9599, 0.2249,<br>0.3185     |
| Android<br>(android.graphics.Color) | 4279602321<br>(0xFF158C91)     |
| YUV                                 | 104.9890, 19.7254,<br>-73.6584 |
| Hunter-Lab                          | 45.7820, -22.4218,<br>-6.8737  |

# Details

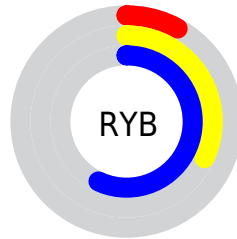
The Hex color **158C91** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **911A15**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5DC2C7**, and **00595F** is the 20% darker color. If you saturate the color by 10%, you get **068B91**, and if you desaturate by 10%, it is **238D91**.

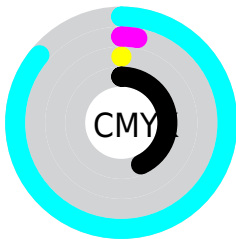
# Distribution



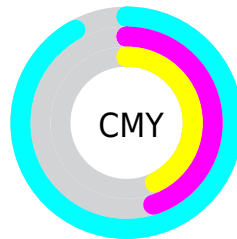
- Red (8%)
- Green (55%)
- Blue (57%)



- Red (8%)
- Yellow (32%)
- Blue (57%)



- Cyan (86%)
- Magenta (3%)
- Yellow (0%)
- Black (43%)



- Cyan (92%)
- Magenta (45%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 158C91 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 158C91 by changing the saturation by 10% instead.



 158C91

 158C91

FFFFFF

 007277

 5DC2C7

 00595F

 7ADEE3

 004147

 97FBFF

 002B31

 B4FFFF

 00131C

 D2FFFF

 000000

 F0FFFF

 158C91

 158C91

 068B91

 238D91

■ 008B91

■ 328D91

■ 418E91

■ 4F8E91

■ 5E8F91

■ 6C9091

■ 7B9091

■ 899191

■ 989191

# Harmonies

## Analogous

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



3C8C76



158C91



1D89A7

# Triad

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



158C91



98719E



967A4B

# Complementary

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



158C91



911A15

# 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.



A87156



158C91



AC6B86

# Square

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



158C91



777AAE



B16B6C



7C834D

# Rectangle

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



158C91



3D85AF



B16B6C



9D774D



# Sweetspot

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



158C91



8CBBD



159119



415D5E



DEDEDE



5E5E5E



# Same Dimension

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



158C91



00B5BD



154F91



404747



008287



000708



# Inverse Universe

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



91158C



BD00B5



915715



474047



870082



080007



# Previews

## White Background



This preview shows how the Hex color 158C91 looks on a white background.

## Color Contrast Check

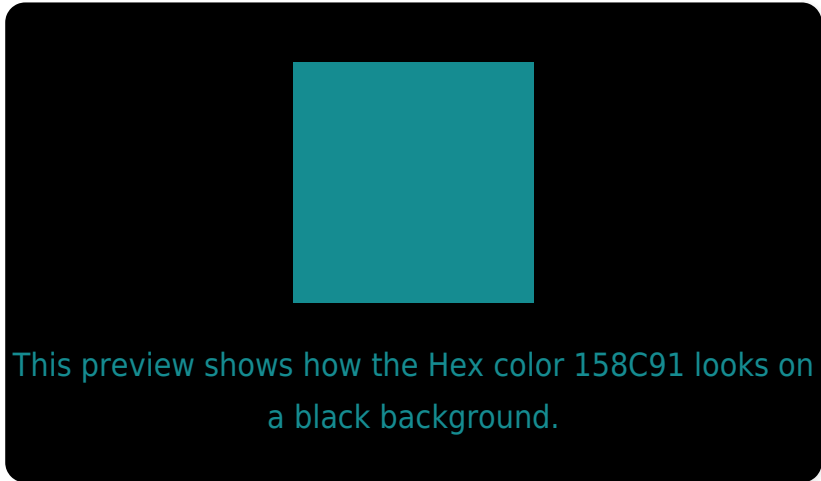
Large Text (above 18pt) WCAG AA ✓ Pass

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

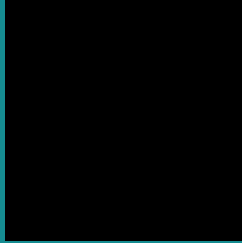
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 158C91 Background



This preview shows how black text looks on a background with the Hex color 158C91.



This preview shows how white text looks on a background with the Hex color 158C91.

# 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**  
1C8B96

# Trichromacy



**Original Color**  
158C91

**Protanomaly**  
57828B

**Deuteranomaly**  
588194

**Tritanomaly**  
198B94

# Monochromacy



**Original Color**  
158C91

**Achromatopsia**  
696969

**Achromatomaly**  
4A7678

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 158C91 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 #158C91 looks like.

```
.text, #text, p{  
    color:#158C91  
}
```

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 #158C91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #158C91
}
```

## Border

The CSS property to change the border of an element to Hex 158C91 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
#158C91 }
```

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

```
.border{ border-color:#158C91 }
```

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

Here you see how a box with a 4 pixel #158C91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #158C91; -webkit-box-shadow:4px 4px  
4px 4px #158C91; box-shadow:4px 4px 4px  
4px #158C91 }
```

# Background

The CSS property to change the background color of an element to Hex 158C91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#158C91 }
```

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

```
.background{ background-color:#158C91 }
```

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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