

# Converting Colors

Hex(158F93)

Have a look what the booklet for  
Hex(158F93) contains.

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# Color

Hex(158F93)

# Conversions

## Conversions Part 1

Format	Color
Hex	158F93
RGB	21, 143, 147
RGB Percent	8%, 56%, 58%
CMY	0.9176, 0.4392, 0.4235
CMYK	0.86, 0.03, 0.00, 0.42
HSL	182°, 75%, 33%
HSV	182°, 86%, 58%
XYZ	15.3982, 21.9109, 31.0214
YIQ	106.9780, -73.9960, -24.6200

# Conversions

## Conversions Part 2

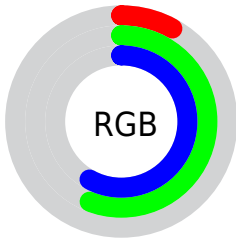
<b>Format</b>	<b>Color</b>
<b>RYB</b>	21, 83, 147
Decimal	1413011
CIELab	53.93, -28.86, -11.03
CIELCh	54, 30.897, 200.914
Yxy	21.9109, 0.2253, 0.3207
Android (android.graphics.Color)	4279603091 (0xFF158F93)
YUV	106.9780, 19.7308, -75.4027
Hunter-Lab	46.8091, -23.1972, -6.5264

# Details

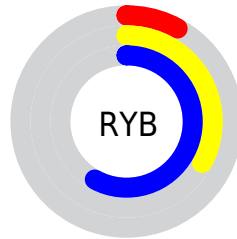
The Hex color **158F93** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **931915**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5EC5C9**, and **005C61** is the 20% darker color. If you saturate the color by 10%, you get **068F93**, and if you desaturate by 10%, it is **248F93**.

# Distribution



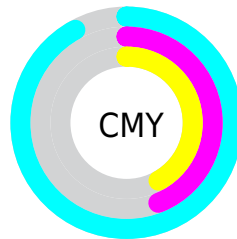
- Red (8%)
- Green (56%)
- Blue (58%)



- Red (8%)
- Yellow (33%)
- Blue (58%)



- Cyan (86%)
- Magenta (3%)
- Yellow (0%)
- Black (42%)



- Cyan (92%)
- Magenta (44%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 158F93 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 158F93 by changing the saturation by 10% instead.



■ 158F93

■ 158F93

FFFFFF

■ 007579

■ 5EC5C9

■ 005C61

■ 7BE1E5

■ 004449

■ 98FEFF

■ 002D32

■ B6FFFF

■ 00171D

■ D3FFFF

■ 000001

■ F1FFFF

■ 000000

■ 158F93

■ 158F93

■ 068F93

■ 248F93

■ 008E93

■ 329093

■ 419093

■ 509193

■ 5E9193

■ 6D9293

■ 7C9293

■ 8B9393

■ 999393

# Harmonies

## Analogous

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



3E8F78



158F93



1A8CA9

# Triad

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



158F93



9B73A3



9A7D4C

# Complementary

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



158F93



931915

# 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.



AD7359



158F93



AF6D8A

# Square

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



158F93



787DB3



B56D6F



80854E

# Rectangle

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



158F93



3C88B3



B56D6F



A1794F



# Sweetspot

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



158F93



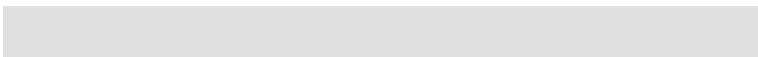
8EBEBF



159317



436061



E0E0E0



616161



# Same Dimension

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



158F93



00B9BF



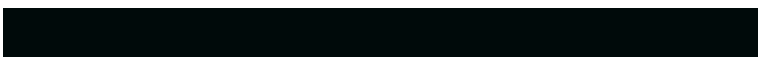
155293



434A4A



00858A



000A0A



# Inverse Universe

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



93158F



BF00B9



935615



4A434A



8A0085



0A000A



# Previews

## White Background



This preview shows how the Hex color 158F93 looks on a white background.

## Color Contrast Check

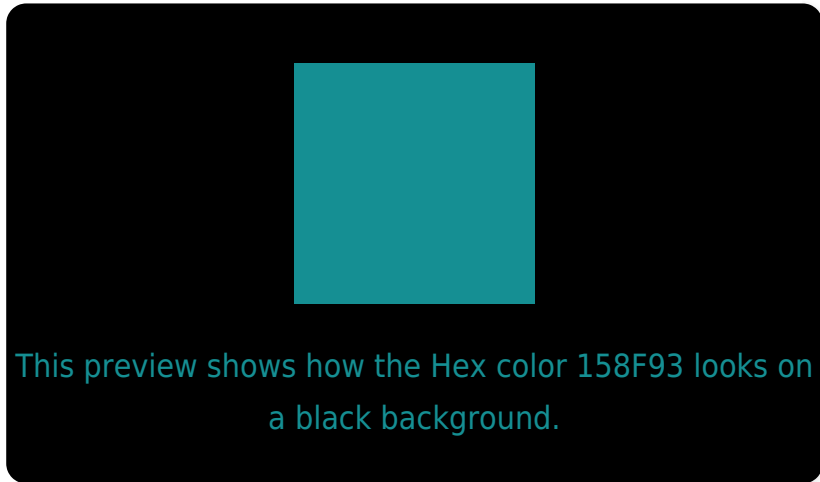
Large Text (above 18pt) WCAG AA ✓ Pass

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

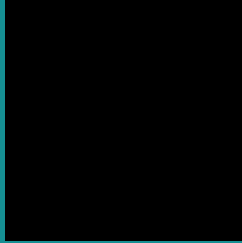
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 158F93 Background



This preview shows how black text looks on a background with the Hex color 158F93.

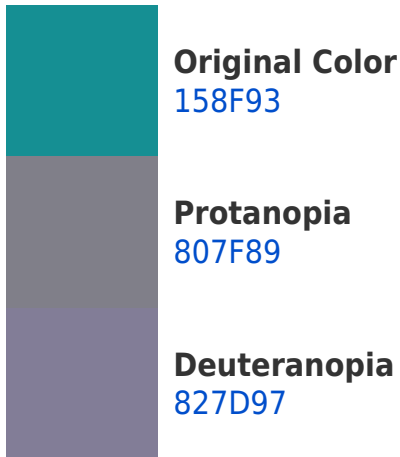


This preview shows how white text looks on a background with the Hex color 158F93.

# 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**  
1D8E9A

# Trichromacy



**Original Color**  
158F93



**Protanomaly**  
59858D



**Deuteranomaly**  
5A8496



**Tritanomaly**  
1A8E97

# Monochromacy



**Original Color**  
158F93



**Achromatopsia**  
6B6B6B



**Achromatomaly**  
4C787A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 158F93 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 #158F93 looks like.

```
.text, #text, p{  
    color:#158F93  
}
```

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 #158F93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #158F93  
}
```

## Border

The CSS property to change the border of an element to Hex 158F93 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  
#158F93 }
```

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

```
.border{ border-color:#158F93 }
```

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

Here you see how a box with a 4 pixel #158F93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #158F93; -webkit-box-shadow:4px 4px  
4px 4px #158F93; box-shadow:4px 4px 4px  
4px #158F93 }
```

# Background

The CSS property to change the background color of an element to Hex 158F93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#158F93 }
```

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

```
.background{ background-color:#158F93 }
```

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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