

Converting Colors

Hex(158383)

Have a look what the booklet for
Hex(158383) contains.

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Color

Hex(158383)

Conversions

Conversions Part 1

Format	Color
Hex	158383
RGB	21, 131, 131
RGB Percent	8%, 51%, 51%
CMY	0.9176, 0.4863, 0.4863
CMYK	0.84, 0.00, 0.00, 0.49
HSL	180°, 72%, 30%
HSV	180°, 84%, 51%
XYZ	12.5223, 18.0307, 24.2930
YIQ	98.1100, -65.5600, -23.3200

Conversions

Conversions Part 2

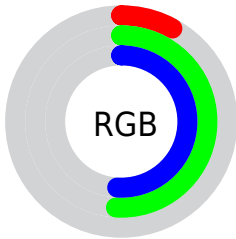
Format	Color
R_{YB}	21, 76, 131
Decimal	1409923
CIE _{Lab}	49.53, -28.05, -8.31
CIE _{LCh}	50, 29.257, 196.510
Yxy	18.0307, 0.2283, 0.3288
Android (android.graphics.Color)	4279600003 (0xFF158383)
YUV	98.1100, 16.2148, -67.6255
Hunter-Lab	42.4626, -21.6696, -4.1962

Details

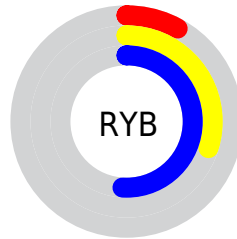
The Hex color **158383** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **831515**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **59B8B8**, and **005152** is the 20% darker color. If you saturate the color by 10%, you get **088383**, and if you desaturate by 10%, it is **228383**.

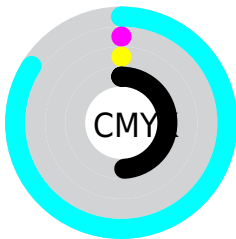
Distribution



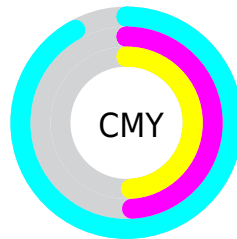
- Red (8%)
- Green (51%)
- Blue (51%)



- Red (8%)
- Yellow (30%)
- Blue (51%)



- Cyan (84%)
- Magenta (0%)
- Yellow (0%)
- Black (49%)



- Cyan (92%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 158383 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 158383 by changing the saturation by 10% instead.

 158383

 158383

FFFFFF

 00696A

 59B8B8

 005152

 76D4D4

 00393B

 93F1F0

 002425

 B0FFFF

 000111

 CDFFFF

 000000

 EAFFFF

 158383

 158383

 088383

 228383

■ 008383

■ 2F8383

■ 3C8383

■ 498383

■ 568383

■ 648383

■ 718383

■ 7E8383

■ 8B8383

Harmonies

Analogous

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



3C8269



158383



0C8199

Triad

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



158383



8A6A98



907046

Complementary

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



158383



831515

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.



A06853



158383



9F6482

Square

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



158383



6873A5



A66369



787945

Rectangle

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



158383



2D7EA3



A66369



966D49

Sweetspot

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



158383



80ABAB



158315



3D5757



D6D6D6



575757

Same Dimension

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



158383



00ABAB



154C83



3C4242



008282



000303

Inverse Universe

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



831583



AB00AB



834C15



423C42



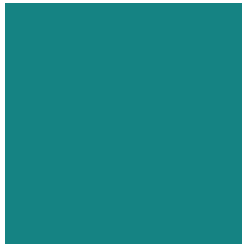
820082



030003

Previews

White Background



This preview shows how the Hex color 158383 looks on a white background.

Color Contrast Check

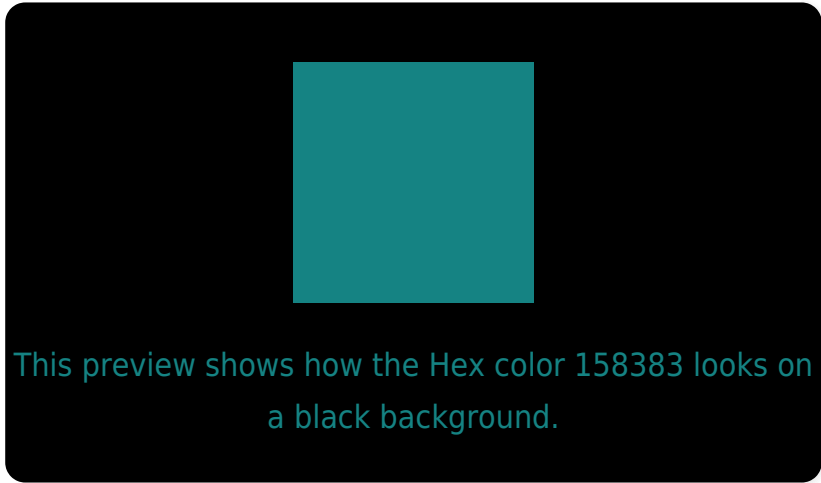
Large Text (above 18pt) WCAG AA ✓ Pass

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

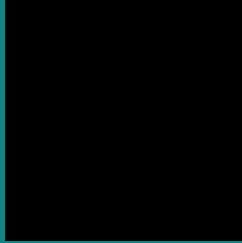
Any Text WCAG AA ✓ Pass

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 158383 Background



This preview shows how black text looks on a background with the Hex color 158383.

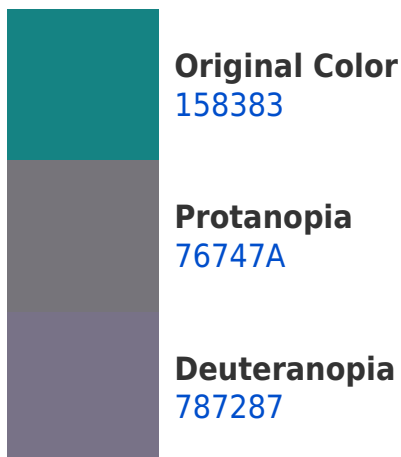


This preview shows how white text looks on a background with the Hex color 158383.

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
1F828C

Trichromacy



Original Color
158383

Protanomaly
53797D

Deuteranomaly
547886

Tritanomaly
1B8289

Monochromacy



Original Color
158383

Achromatopsia
626262

Achromatomaly
466E6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 158383 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 #158383 looks like.

```
.text, #text, p{  
    color:#158383  
}
```

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 #158383 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #158383
}
```

Border

The CSS property to change the border of an element to Hex 158383 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
#158383 }
```

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

```
.border{ border-color:#158383 }
```

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

Here you see how a box with a 4 pixel #158383 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #158383; -webkit-box-shadow:4px 4px  
4px 4px #158383; box-shadow:4px 4px 4px  
4px #158383 }
```

Background

The CSS property to change the background color of an element to Hex 158383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#158383 }
```

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

```
.background{ background-color:#158383 }
```

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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