

Converting Colors

Hex(118658)

Have a look what the booklet for
Hex(118658) contains.

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Color

Hex(118658)

Conversions

Conversions Part 1

Format	Color
Hex	118658
RGB	17, 134, 88
RGB Percent	7%, 53%, 35%
CMY	0.9333, 0.4745, 0.6549
CMYK	0.87, 0.00, 0.34, 0.47
HSL	156°, 77%, 30%
HSV	156°, 87%, 53%
XYZ	10.5177, 17.8739, 12.1282
YIQ	93.7730, -54.9660, -39.1100

Conversions

Conversions Part 2

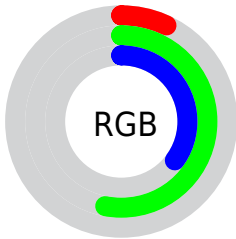
Format	Color
RYB	17, 90, 134
Decimal	1148504
CIELab	49.34, -41.60, 16.43
CIELCh	49, 44.730, 158.449
Yxy	17.8739, 0.2596, 0.4411
Android (android.graphics.Color)	4279338584 (0xFF118658)
YUV	93.7730, -2.8461, -67.3299
Hunter-Lab	42.2776, -29.5790, 12.5858

Details

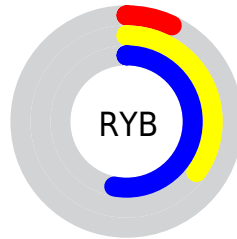
The Hex color **118658** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **86113F**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **56BC8A**, and **00532A** is the 20% darker color. If you saturate the color by 10%, you get **048653**, and if you desaturate by 10%, it is **1E865D**.

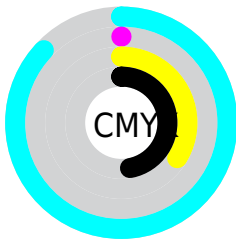
Distribution



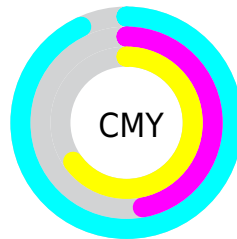
- Red (7%)
- Green (53%)
- Blue (35%)



- Red (7%)
- Yellow (35%)
- Blue (53%)



- Cyan (87%)
- Magenta (0%)
- Yellow (34%)
- Black (47%)




- Cyan (93%)
- Magenta (47%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 118658 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 118658 by changing the saturation by 10% instead.

 118658

 118658

FFFFFF

 006C40

 56BC8A

 00532A

 72D8A5

 003B15

 8EF5C0


 002600

 ABFFDC

 000000

 C8FFF8

 E5FFFF

 118658

 118658

 048653

 1E865D

■ 008651

■ 2C8663

■ 398668

■ 47866D

■ 548672

■ 618678

■ 6F867D

■ 7C8682

■ 8A8687

Harmonies

Analogous

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



588037



118658



00887F

Triad

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



118658



4176C0



B65B48

Complementary

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



118658



86113F

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.



BB536C



118658



8667B1

Square

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



118658



0081BB



AC5892



A0692D

Rectangle

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



118658



008798



AC5892



BA5753

Sweetspot

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



118658



80AD9C



408611



3C574C



D6D6D6



575757

Same Dimension

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



118658



00AD69



117A86



3C4240



00824F



000302

Inverse Universe

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



86113F



AD0044



861D11



423C3E



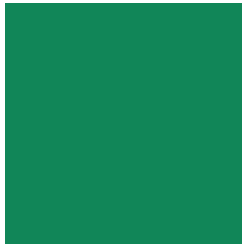
820033



030001

Previews

White Background



This preview shows how the Hex color 118658 looks on a white background.

Color Contrast Check

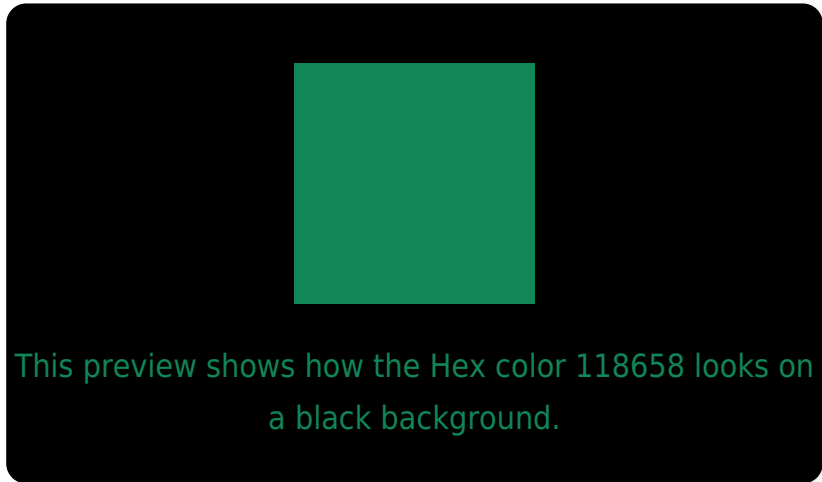
Large Text (above 18pt) WCAG AA ✓ Pass

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 118658 Background



This preview shows how black text looks on a background with the Hex color 118658.

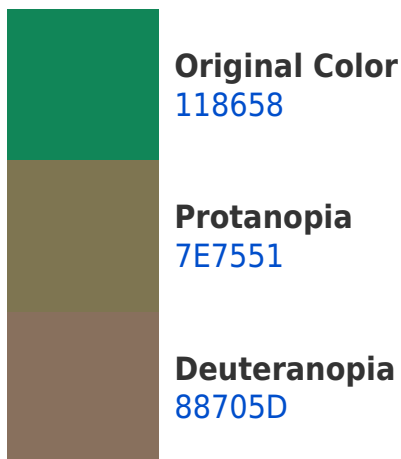


This preview shows how white text looks on a background with the Hex color 118658.

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
31808A

Trichromacy



Original Color
118658



Protanomaly
567B54



Deuteranomaly
5D785B



Tritanomaly
258278

Monochromacy



Original Color
118658



Achromatopsia
5E5E5E



Achromatomaly
426D5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 118658 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 #118658 looks like.

```
.text, #text, p{  
    color:#118658  
}
```

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 #118658 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #118658
}
```

Border

The CSS property to change the border of an element to Hex 118658 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
#118658 }
```

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

```
.border{ border-color:#118658 }
```

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

Here you see how a box with a 4 pixel #118658 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #118658; -webkit-box-shadow:4px 4px  
4px 4px #118658; box-shadow:4px 4px 4px  
4px #118658 }
```

Background

The CSS property to change the background color of an element to Hex 118658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#118658 }
```

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

```
.background{ background-color:#118658 }
```

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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