

Converting Colors

Hex(158862)

Have a look what the booklet for
Hex(158862) contains.

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Color

Hex(158862)

Conversions

Conversions Part 1

Format	Color
Hex	158862
RGB	21, 136, 98
RGB Percent	8%, 53%, 38%
CMY	0.9176, 0.4667, 0.6157
CMYK	0.85, 0.00, 0.28, 0.47
HSL	160°, 73%, 31%
HSV	160°, 85%, 53%
XYZ	11.3180, 18.6496, 14.5585
YIQ	97.2830, -56.3420, -36.1980

Conversions

Conversions Part 2

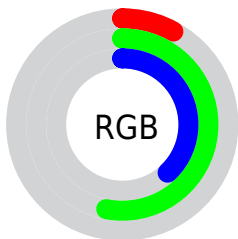
Format	Color
RYB	21, 90, 136
Decimal	1411170
CIELab	50.27, -39.68, 12.00
CIELCh	50, 41.453, 163.178
Yxy	18.6496, 0.2542, 0.4188
Android (android.graphics.Color)	4279601250 (0xFF158862)
YUV	97.2830, 0.3535, -66.9002
Hunter-Lab	43.1852, -28.7925, 10.2419

Details

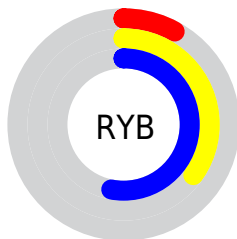
The Hex color **158862** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **88153B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **58BE95**, and **005533** is the 20% darker color. If you saturate the color by 10%, you get **07885E**, and if you desaturate by 10%, it is **238866**.

Distribution



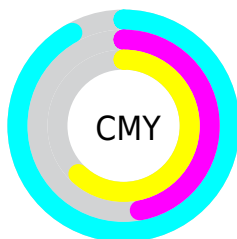
- Red (8%)
- Green (53%)
- Blue (38%)



- Red (8%)
- Yellow (35%)
- Blue (53%)



- Cyan (85%)
- Magenta (0%)
- Yellow (28%)
- Black (47%)



- Cyan (92%)
- Magenta (47%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 158862 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 158862 by changing the saturation by 10% instead.

 158862

 158862

FFFFFF

 006E4A

 58BE95

 005533

 74DAAF

 003D1E

 91F7CB

 002806

 ADFFE7

 000200

 CAFFFF

 000000

 E8FFFF

 158862

 158862

 07885E

 238866

■ 00885B

■ 30886B

■ 3E886F

■ 4B8874

■ 598878

■ 67887D

■ 748881

■ 828886

■ 8F888A

Harmonies

Analogous

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



568342



158862



008987

Triad

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



158862



5776BC



B26249

Complementary

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



158862



88153B

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.



BA5969



158862



8E68AB

Square

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



158862



0081BB



AE5C8D



9D6F33

Rectangle

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



158862



00889D



AE5C8D



B75E53

Sweetspot

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



158862



84B0A1



3B8815



3E5950



D9D9D9



595959

Same Dimension

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



158862



00B076



157588



3E4543



008559



000503

Inverse Universe

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



88153B



B0003A



882815



453E40



85002C



050002

Previews

White Background



This preview shows how the Hex color 158862 looks on a white background.

Color Contrast Check

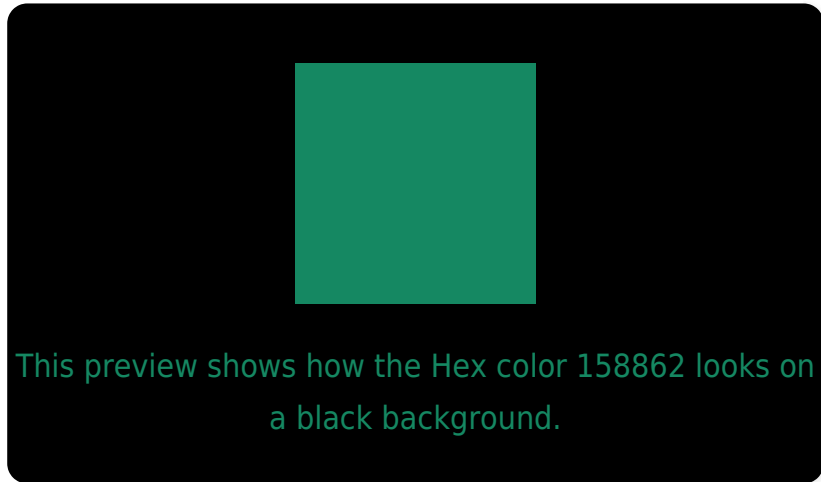
Large Text (above 18pt) WCAG AA ✓ Pass

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

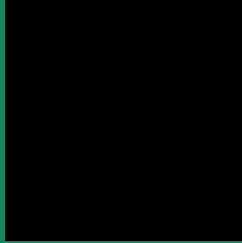
Any Text WCAG AA ✓ Pass

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 158862 Background



This preview shows how black text looks on a background with the Hex color 158862.

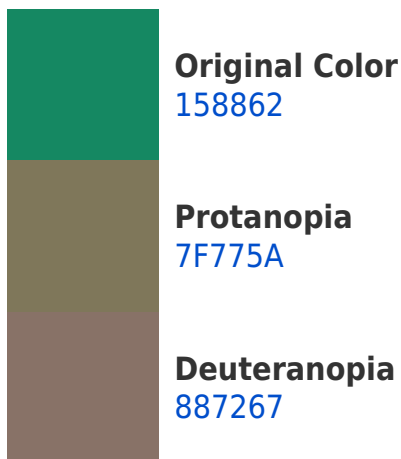



This preview shows how white text looks on a background with the Hex color 158862.

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
31828D

Trichromacy



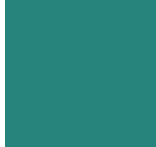
Original Color
158862



Protanomaly
587D5D



Deuteranomaly
5E7A65



Tritanomaly
27847D

Monochromacy



Original Color
158862



Achromatopsia
616161



Achromatomaly
456F61

CSS Examples

Text

The CSS property to change the color of the text to Hex 158862 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 #158862 looks like.

```
.text, #text, p{  
    color:#158862  
}
```

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 #158862 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #158862
}
```

Border

The CSS property to change the border of an element to Hex 158862 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
#158862 }
```

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

```
.border{ border-color:#158862 }
```

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

Here you see how a box with a 4 pixel #158862 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #158862; -webkit-box-shadow:4px 4px  
4px 4px #158862; box-shadow:4px 4px 4px  
4px #158862 }
```

Background

The CSS property to change the background color of an element to Hex 158862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#158862 }
```

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

```
.background{ background-color:#158862 }
```

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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