

Converting Colors

Hex(1D8358)

Have a look what the booklet for
Hex(1D8358) contains.

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Color

Hex(1D8358)

Conversions

Conversions Part 1

Format	Color
Hex	1D8358
RGB	29, 131, 88
RGB Percent	11%, 51%, 35%
CMY	0.8863, 0.4863, 0.6549
CMYK	0.78, 0.00, 0.33, 0.49
HSL	155°, 64%, 31%
HSV	155°, 78%, 51%
XYZ	10.3844, 17.1984, 12.0048
YIQ	95.6000, -46.9890, -34.9970

Conversions

Conversions Part 2

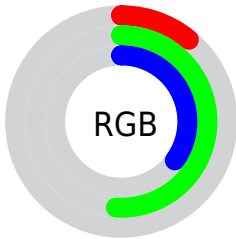
Format	Color
R_{YB}	29, 94, 131
Decimal	1934168
CIE _{Lab}	48.51, -39.03, 15.32
CIE _{LCh}	49, 41.926, 158.567
Yxy	17.1984, 0.2623, 0.4344
Android (android.graphics.Color)	4280124248 (0xFF1D8358)
YUV	95.6000, -3.7468, -58.4082
Hunter-Lab	41.4709, -27.8772, 11.8667

Details

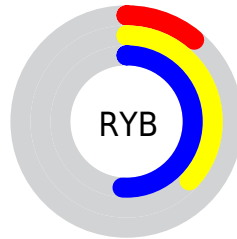
The Hex color **1D8358** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **831D48**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **5AB98A**, and **00502A** is the 20% darker color. If you saturate the color by 10%, you get **108352**, and if you desaturate by 10%, it is **2A835E**.

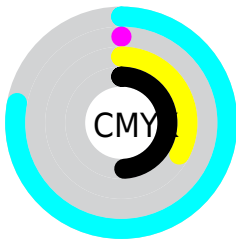
Distribution



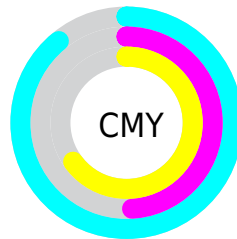
- Red (11%)
- Green (51%)
- Blue (35%)



- Red (11%)
- Yellow (37%)
- Blue (51%)



- Cyan (78%)
- Magenta (0%)
- Yellow (33%)
- Black (49%)



- Cyan (89%)
- Magenta (49%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D8358 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 1D8358 by changing the saturation by 10% instead.

 1D8358

 1D8358

FFFFFF

 006940

 5AB98A

 00502A

 76D5A4

 003815

 92F2C0

 002400

 AEFFDC

 000000

 CBFFF8

 E8FFFF

 1D8358

 1D8358

 108352

 2A835E

■ 03834D

■ 378363

■ 00834C

■ 448369

■ 51836E

■ 5E8374

■ 6C8379

■ 79837F

■ 868384

■ 93838A

Harmonies

Analogous

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



587E39



1D8358



00857D

Triad

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



1D8358



4574B9



B05B49

Complementary

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



1D8358



831D48

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.



B5546A



1D8358



8366AB

Square

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



1D8358



007EB5



A6598E



9C6830

Rectangle

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



1D8358



008494



A6598E



B35853

Sweetspot

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



1D8358



84AB9A



49831D



3E574C



D6D6D6



575757

Same Dimension

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



1D8358



0CAB68



1D7C83



3C4240



00824B



000301

Inverse Universe

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



831D48



AB0C4F



83241D



423C3E



820037



030001

Previews

White Background



This preview shows how the Hex color 1D8358 looks on a white background.

Color Contrast Check

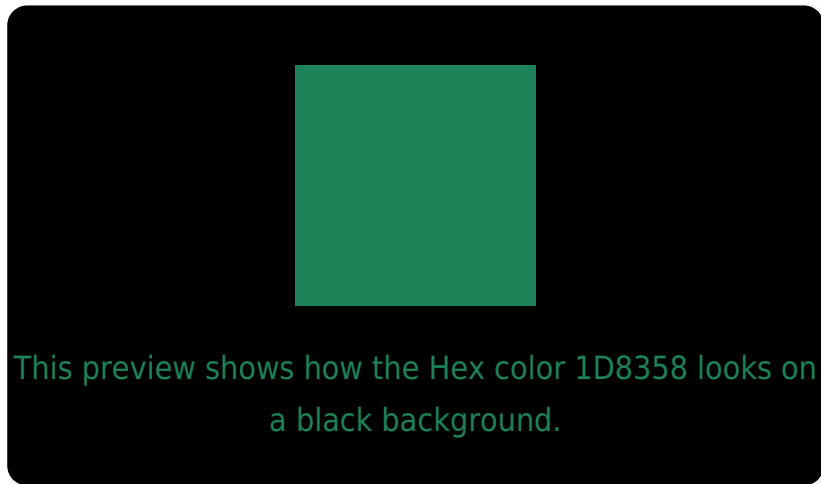
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 1D8358 Background



This preview shows how black text looks on a background with the Hex color 1D8358.

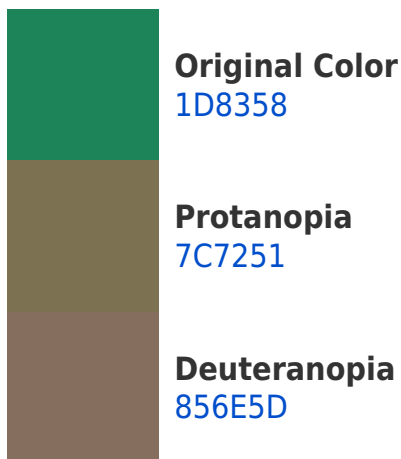



This preview shows how white text looks on a background with the Hex color 1D8358.

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
347D87

Trichromacy



Original Color
1D8358



Protanomaly
597854



Deuteranomaly
5F765B



Tritanomaly
2C7F76

Monochromacy



Original Color
1D8358



Achromatopsia
606060



Achromatomaly
486D5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D8358 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 #1D8358 looks like.

```
.text, #text, p{  
    color:#1D8358  
}
```

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 #1D8358 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D8358
}
```

Border

The CSS property to change the border of an element to Hex 1D8358 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
#1D8358 }
```

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

```
.border{ border-color:#1D8358 }
```

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

Here you see how a box with a 4 pixel #1D8358 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D8358; -webkit-box-shadow:4px 4px  
4px 4px #1D8358; box-shadow:4px 4px 4px  
4px #1D8358 }
```

Background

The CSS property to change the background color of an element to Hex 1D8358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D8358 }
```

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

```
.background{ background-color:#1D8358 }
```

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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