

# Converting Colors

Hex(139D58)

Have a look what the booklet for  
Hex(139D58) contains.

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# Color

Hex(139D58)

# Conversions

## Conversions Part 1

Format	Color
Hex	139D58
RGB	19, 157, 88
RGB Percent	7%, 62%, 35%
CMY	0.9255, 0.3843, 0.6549
CMYK	0.88, 0.00, 0.44, 0.38
HSL	150°, 78%, 35%
HSV	150°, 88%, 62%
XYZ	14.0870, 24.9570, 13.3072
YIQ	107.8720, -60.0990, -50.7150

# Conversions

## Conversions Part 2

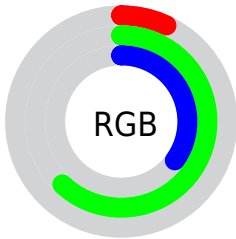
<b>Format</b>	<b>Color</b>
<b>RYB</b>	19, 111, 157
Decimal	1285464
CIELab	57.03, -50.20, 26.67
CIELCh	57, 56.840, 152.019
Yxy	24.9570, 0.2691, 0.4767
Android (android.graphics.Color)	4279475544 (0xFF139D58)
YUV	107.8720, -9.7969, -77.9407
Hunter-Lab	49.9570, -37.0908, 19.1765

# Details

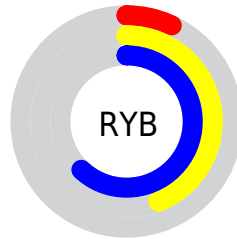
The Hex color **139D58** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9D1358**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5DD58B**, and **006829** is the 20% darker color. If you saturate the color by 10%, you get **039D50**, and if you desaturate by 10%, it is **239D60**.

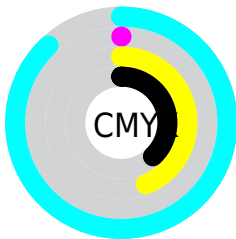
# Distribution



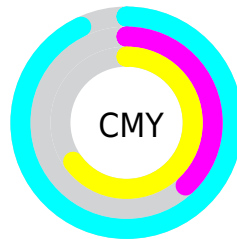
- Red (7%)
- Green (62%)
- Blue (35%)



- Red (7%)
- Yellow (44%)
- Blue (62%)



- Cyan (88%)
- Magenta (0%)
- Yellow (44%)
- Black (38%)



- Cyan (93%)
- Magenta (38%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 139D58 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 139D58 by changing the saturation by 10% instead.



 139D58

 139D58


FFFFFF

 008240

 5DD58B

 006829

 7AF1A5

 004F12

 97FFC1

 003700

 B5FFDD

 002000

 D2FFF9

 000000

 F0FFFF

 139D58

 139D58

 039D50

 239D60

■ 009D4F

■ 329D68

■ 429D70

■ 529D77

■ 629D7F

■ 719D87

■ 819D8F

■ 919D97

■ A09D9F

# Harmonies

## Analogous

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



6D952D



139D58



00A08B

# Triad

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



139D58



008DEC



DF6157

# Complementary

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



139D58



9D1358

# 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.



E15988



139D58



8E7ADD

# Square

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



139D58



009AE0



C765B8



C7752F

# Rectangle

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



139D58



00A0AD



C765B8



E25D67



# Sweetspot

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



139D58



97CCB1



589D13



466656



E6E6E6



666666



# Same Dimension

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



139D58



00CC66



139D9D



474F4B



008F47



000F08



# Inverse Universe

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



9D1358



CC0066



9D1313



4F474B



8F0047



0F0008



# Previews

## White Background



This preview shows how the Hex color 139D58 looks on a white background.

## Color Contrast Check

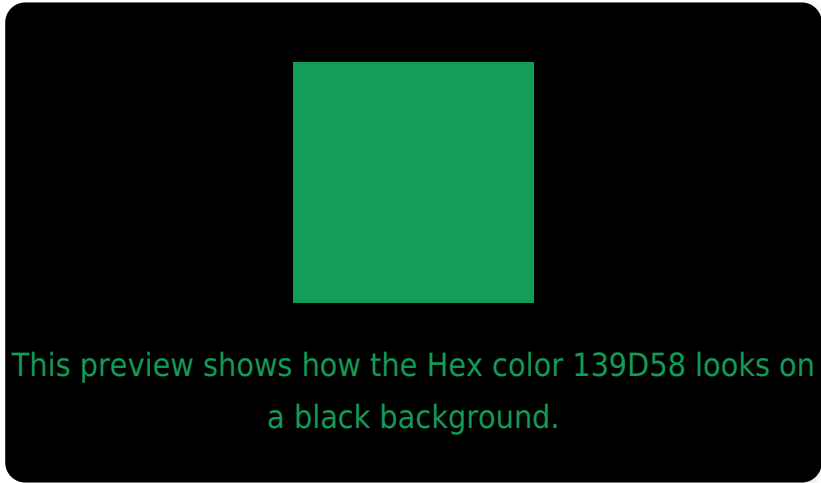
Large Text (above 18pt) WCAG AA ✓ Pass

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

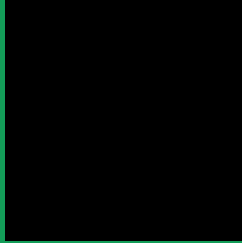
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 139D58 Background



This preview shows how black text looks on a background with the Hex color 139D58.



This preview shows how white text looks on a background with the Hex color 139D58.

# 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



**Original Color**  
139D58

**Protanopia**  
958850

**Deuteranopia**  
A2825E



**Tritanopia**  
3C95A1

# Trichromacy



**Original Color**  
139D58



**Protanomaly**  
669053



**Deuteranomaly**  
6E8C5C



**Tritanomaly**  
2D9886

# Monochromacy



**Original Color**  
139D58



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
4C7E65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 139D58 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 #139D58 looks like.

```
.text, #text, p{  
    color:#139D58  
}
```

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 #139D58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #139D58
}
```

## Border

The CSS property to change the border of an element to Hex 139D58 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
#139D58 }
```

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

```
.border{ border-color:#139D58 }
```

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

Here you see how a box with a 4 pixel #139D58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #139D58; -webkit-box-shadow:4px 4px  
4px 4px #139D58; box-shadow:4px 4px 4px  
4px #139D58 }
```

# Background

The CSS property to change the background color of an element to Hex 139D58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#139D58 }
```

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

```
.background{ background-color:#139D58 }
```

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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