

# Converting Colors

Hex(138D50)

Have a look what the booklet for  
Hex(138D50) contains.

<b>Hex(138D50)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(138D50)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	138D50
RGB	19, 141, 80
RGB Percent	7%, 55%, 31%
CMY	0.9255, 0.4471, 0.6863
CMYK	0.87, 0.00, 0.43, 0.45
HSL	150°, 76%, 31%
HSV	150°, 87%, 55%
XYZ	11.2414, 19.7674, 10.8124
YIQ	97.5680, -53.1310, -44.8350

# Conversions

## Conversions Part 2

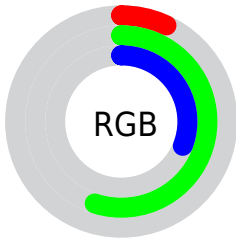
<b>Format</b>	<b>Color</b>
<b>RYB</b>	19, 100, 141
Decimal	1281360
CIELab	51.57, -45.83, 23.89
CIELCh	52, 51.685, 152.469
Yxy	19.7674, 0.2688, 0.4727
Android (android.graphics.Color)	4279471440 (0xFF138D50)
YUV	97.5680, -8.6610, -68.9041
Hunter-Lab	44.4605, -32.6740, 16.7035

# Details

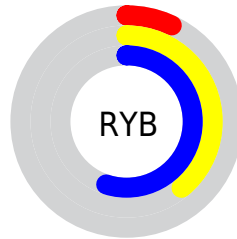
The Hex color **138D50** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8D1350**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **58C482**, and **005922** is the 20% darker color. If you saturate the color by 10%, you get **058D49**, and if you desaturate by 10%, it is **218D57**.

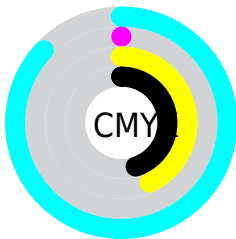
# Distribution



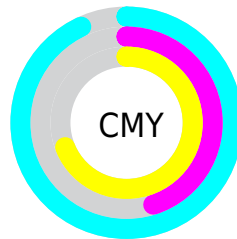
- Red (7%)
- Green (55%)
- Blue (31%)



- Red (7%)
- Yellow (39%)
- Blue (55%)



- Cyan (87%)
- Magenta (0%)
- Yellow (43%)
- Black (45%)



- Cyan (93%)
- Magenta (45%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 138D50 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 138D50 by changing the saturation by 10% instead.



 138D50

 138D50

FFFFFF

 007338

 58C482

 005922

 75E09C

 00410C

 92FDB7

 002B00

 AEFFD3

 000B00

 CBFFE7

 000000

 E9FFFF

 138D50

 138D50

 058D49

 218D57

■ 008D47

■ 2F8D5E

■ 3D8D65

■ 4B8D6C

■ 598D73

■ 688D7A

■ 768D81

■ 848D88

■ 928D8F

# Harmonies

## Analogous

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



61862A



138D50



00907D

# Triad

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



138D50



007FD3



C7584E

# Complementary

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



138D50



8D1350

# 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.



CA5179



138D50



806EC6

# Square

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



138D50



008AC9



B35BA5



B2692B

# Rectangle

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



138D50



00909B



B35BA5



CB545C



# Sweetspot

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



138D50



88B8A0



508D13



3F5C4E



DBDBDB



5C5C5C



# Same Dimension

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



138D50



00B85C



138D8D



404744



008744



000804



# Inverse Universe

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



8D1350



B8005C



8D1313



474044



870044



080004



# Previews

## White Background



This preview shows how the Hex color 138D50 looks on a white background.

## Color Contrast Check

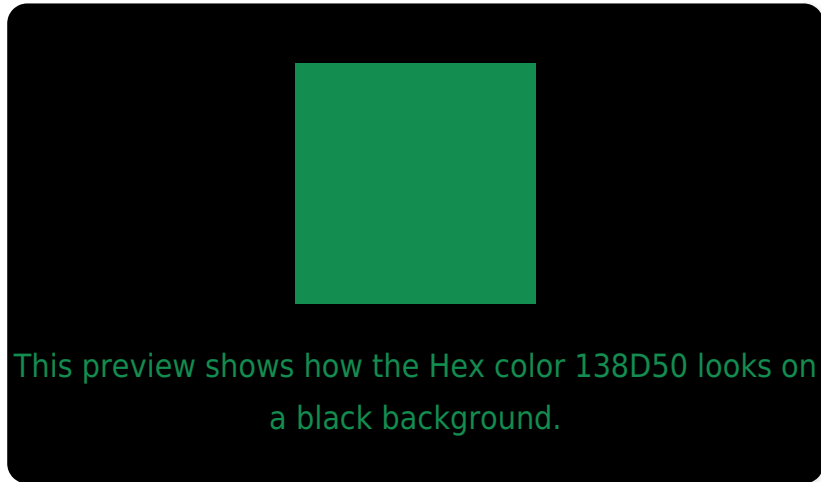
Large Text (above 18pt) WCAG AA ✓ Pass

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

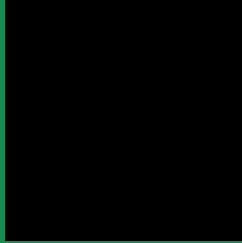
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 138D50 Background



This preview shows how black text looks on a background with the Hex color 138D50.



This preview shows how white text looks on a background with the Hex color 138D50.

# 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**  
138D50

**Protanopia**  
867A49

**Deuteranopia**  
917556



**Tritanopia**  
378690

# Trichromacy



**Original Color**  
138D50



**Protanomaly**  
5C814C



**Deuteranomaly**  
637E54



**Tritanomaly**  
2A8979

# Monochromacy



**Original Color**  
138D50



**Achromatopsia**  
626262



**Achromatomaly**  
45725B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 138D50 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 #138D50 looks like.

```
.text, #text, p{  
    color:#138D50  
}
```

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 #138D50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #138D50
}
```

## Border

The CSS property to change the border of an element to Hex 138D50 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
#138D50 }
```

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

```
.border{ border-color:#138D50 }
```

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

Here you see how a box with a 4 pixel #138D50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #138D50; -webkit-box-shadow:4px 4px  
4px 4px #138D50; box-shadow:4px 4px 4px  
4px #138D50 }
```

# Background

The CSS property to change the background color of an element to Hex 138D50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#138D50 }
```

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

```
.background{ background-color:#138D50 }
```

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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