

Converting Colors

Hex(138E63)

Have a look what the booklet for
Hex(138E63) contains.

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Color

Hex(138E63)

Conversions

Conversions Part 1

Format	Color
Hex	138E63
RGB	19, 142, 99
RGB Percent	7%, 56%, 39%
CMY	0.9255, 0.4431, 0.6118
CMYK	0.87, 0.00, 0.30, 0.44
HSL	159°, 76%, 32%
HSV	159°, 87%, 56%
XYZ	12.1937, 20.3853, 15.0965
YIQ	100.3210, -59.5050, -39.4490

Conversions

Conversions Part 2

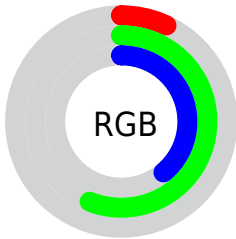
Format	Color
RYB	19, 94, 142
Decimal	1281635
CIELab	52.27, -42.09, 14.19
CIELCh	52, 44.421, 161.367
Yxy	20.3853, 0.2558, 0.4276
Android (android.graphics.Color)	4279471715 (0xFF138E63)
YUV	100.3210, -0.6513, -71.3185
Hunter-Lab	45.1501, -30.8051, 11.7807

Details

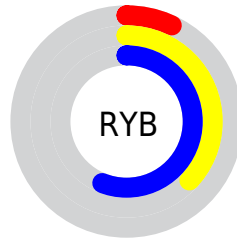
The Hex color **138E63** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8E133E**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **59C596**, and **005A34** is the 20% darker color. If you saturate the color by 10%, you get **058E5E**, and if you desaturate by 10%, it is **218E68**.

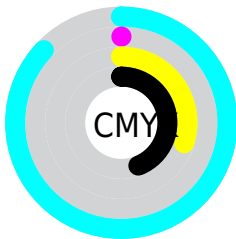
Distribution



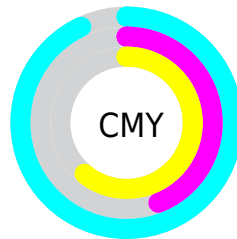
- Red (7%)
- Green (56%)
- Blue (39%)



- Red (7%)
- Yellow (37%)
- Blue (56%)



- Cyan (87%)
- Magenta (0%)
- Yellow (30%)
- Black (44%)



- Cyan (93%)
- Magenta (44%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 138E63 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 138E63 by changing the saturation by 10% instead.

 138E63

 138E63

FFFFFF

 00744B

 59C596

 005A34

 76E1B1

 00421F

 92FECC

 002C08

 AFFFE8

 000F00

 CCFFFF

 000000

 EAFFFF

 138E63

 138E63

 058E5E

 218E68

■ 008E5C

■ 2F8E6D

■ 3E8E72

■ 4C8E77

■ 5A8E7C

■ 688E81

■ 768E86

■ 858E8B

■ 938E90

Harmonies

Analogous

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



5B8941



138E63



00908A

Triad

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



138E63



547CC7



BD644C

Complementary

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



138E63



8E133E

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.



C35B70



138E63



926DB6

Square

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



138E63



0087C4



B65F96



A67233

Rectangle

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



138E63



008FA3



B65F96



C16057

Sweetspot

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



138E63



88B8A7



3E8E13



3F5C52



DBDBDB



5C5C5C

Same Dimension

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



138E63



00B877



137C8E



404745



008758



000805

Inverse Universe

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



8E133E



B80040



8E2513



474043



87002F



080003

Previews

White Background



This preview shows how the Hex color 138E63 looks on a white background.

Color Contrast Check

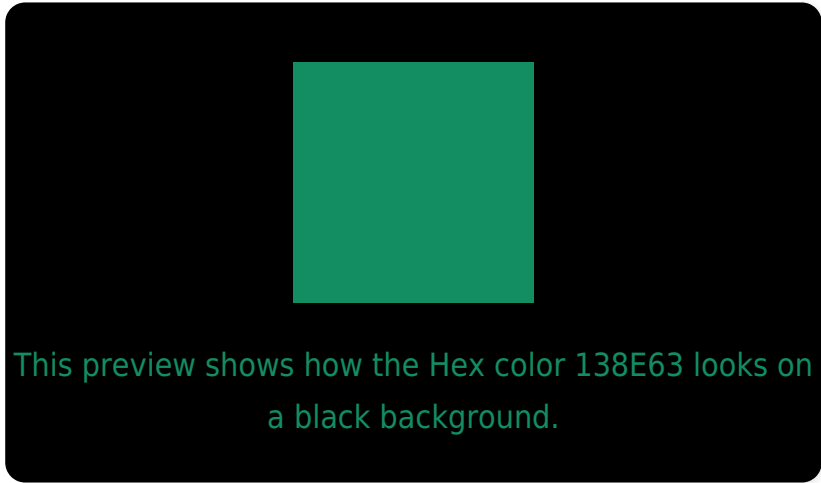
Large Text (above 18pt) WCAG AA ✓ Pass

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 138E63 Background



This preview shows how black text looks on a background with the Hex color 138E63.



This preview shows how white text looks on a background with the Hex color 138E63.

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
138E63

Protanopia
857C5B

Deuteranopia
8F7768



Tritanopia
338893

Trichromacy



Original Color
138E63



Protanomaly
5C835E



Deuteranomaly
627F66



Tritanomaly
278A82

Monochromacy



Original Color
138E63



Achromatopsia
646464



Achromatomaly
477364

CSS Examples

Text

The CSS property to change the color of the text to Hex 138E63 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 #138E63 looks like.

```
.text, #text, p{  
    color:#138E63  
}
```

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 #138E63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #138E63  
}
```

Border

The CSS property to change the border of an element to Hex 138E63 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  
#138E63 }
```

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

```
.border{ border-color:#138E63 }
```

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

Here you see how a box with a 4 pixel #138E63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #138E63; -webkit-box-shadow:4px 4px  
4px 4px #138E63; box-shadow:4px 4px 4px  
4px #138E63 }
```

Background

The CSS property to change the background color of an element to Hex 138E63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#138E63 }
```

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

```
.background{ background-color:#138E63 }
```

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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