

Converting Colors

Hex(138A67)

Have a look what the booklet for
Hex(138A67) contains.

Hex(138A67)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(138A67)

Conversions

Conversions Part 1

Format	Color
Hex	138A67
RGB	19, 138, 103
RGB Percent	7%, 54%, 40%
CMY	0.9255, 0.4588, 0.5961
CMYK	0.86, 0.00, 0.25, 0.46
HSL	162°, 76%, 31%
HSV	162°, 86%, 54%
XYZ	11.8052, 19.2947, 15.9340
YIQ	98.4290, -59.6890, -36.1130

Conversions

Conversions Part 2

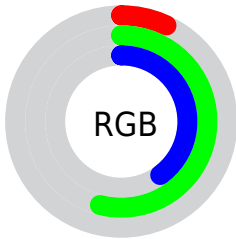
Format	Color
R_{YB}	19, 89, 138
Decimal	1280615
CIE _{Lab}	51.03, -39.46, 10.17
CIE _{LCh}	51, 40.746, 165.540
Yxy	19.2947, 0.2510, 0.4102
Android (android.graphics.Color)	4279470695 (0xFF138A67)
YUV	98.4290, 2.2535, -69.6592
Hunter-Lab	43.9257, -28.8974, 9.2406

Details

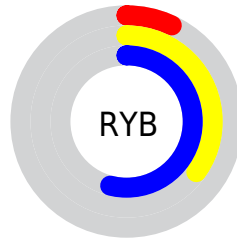
The Hex color **138A67** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8A1336**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **58C09A**, and **005738** is the 20% darker color. If you saturate the color by 10%, you get **058A63**, and if you desaturate by 10%, it is **218A6B**.

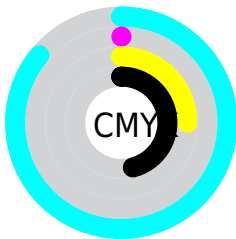
Distribution



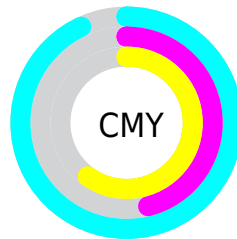
- Red (7%)
- Green (54%)
- Blue (40%)



- Red (7%)
- Yellow (35%)
- Blue (54%)



- Cyan (86%)
- Magenta (0%)
- Yellow (25%)
- Black (46%)



- Cyan (93%)
- Magenta (46%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 138A67 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 138A67 by changing the saturation by 10% instead.

 138A67

 138A67

FFFFFF

 00704F

 58C09A

 005738

 74DCB5

 003F22

 91F9D0

 00290D

 AEF FED

 000700

 CBFFFF

 000000

 E8FFFF

 138A67

 138A67

 058A63

 218A6B

■ 008A61

■ 2F8A6F

■ 3C8A73

■ 4A8A77

■ 588A7B

■ 668A7F

■ 748A83

■ 818A87

■ 8F8A8C

Harmonies

Analogous

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



558547



138A67



008B8B

Triad

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



138A67



6077BD



B26549

Complementary

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



138A67



8A1336

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.



BB5C69



138A67



9369AB

Square

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



138A67



0082BC



B15E8C



9C7235

Rectangle

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



138A67



008AA1



B15E8C



B76153

Sweetspot

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



138A67



84B3A5



378A13



3E5951



D9D9D9



595959

Same Dimension

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



138A67



00B37E



13728A



3E4543



00855E



000504

Inverse Universe

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



8A1336



B30034



8A2B13



453E40



850027



050001

Previews

White Background



This preview shows how the Hex color 138A67 looks on a white background.

Color Contrast Check

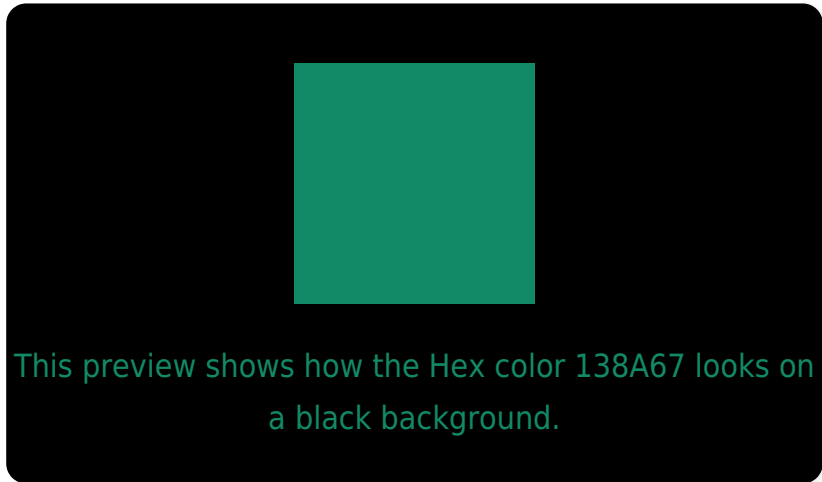
Large Text (above 18pt) WCAG AA ✓ Pass

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 138A67 Background



This preview shows how black text looks on a background with the Hex color 138A67.

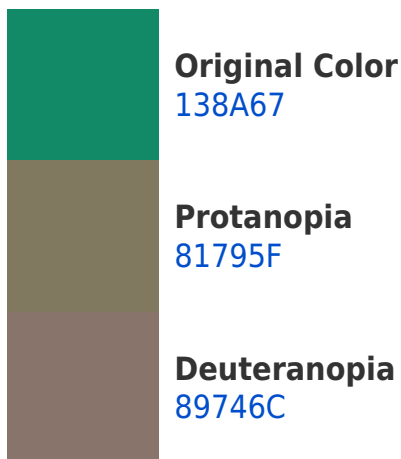


This preview shows how white text looks on a background with the Hex color 138A67.

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
2F858F

Trichromacy



Original Color
138A67



Protanomaly
597F62



Deuteranomaly
5E7C6A



Tritanomaly
258780

Monochromacy



Original Color
138A67



Achromatopsia
626262



Achromatomaly
457164

CSS Examples

Text

The CSS property to change the color of the text to Hex 138A67 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 #138A67 looks like.

```
.text, #text, p{  
    color:#138A67  
}
```

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 #138A67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #138A67
}
```

Border

The CSS property to change the border of an element to Hex 138A67 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
#138A67 }
```

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

```
.border{ border-color:#138A67 }
```

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

Here you see how a box with a 4 pixel #138A67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #138A67; -webkit-box-shadow:4px 4px  
4px 4px #138A67; box-shadow:4px 4px 4px  
4px #138A67 }
```

Background

The CSS property to change the background color of an element to Hex 138A67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#138A67 }
```

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

```
.background{ background-color:#138A67 }
```

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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