

Converting Colors

Hex(138D63)

Have a look what the booklet for
Hex(138D63) contains.

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Color

Hex(138D63)

Conversions

Conversions Part 1

Format	Color
Hex	138D63
RGB	19, 141, 99
RGB Percent	7%, 55%, 39%
CMY	0.9255, 0.4471, 0.6118
CMYK	0.87, 0.00, 0.30, 0.45
HSL	159°, 76%, 31%
HSV	159°, 87%, 55%
XYZ	12.0456, 20.0891, 15.0471
YIQ	99.7340, -59.2300, -38.9260

Conversions

Conversions Part 2

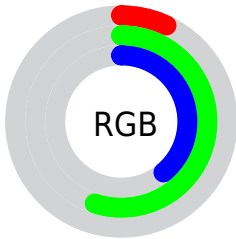
Format	Color
RYB	19, 93, 141
Decimal	1281379
CIELab	51.94, -41.69, 13.73
CIELCh	52, 43.889, 161.767
Yxy	20.0891, 0.2553, 0.4258
Android (android.graphics.Color)	4279471459 (0xFF138D63)
YUV	99.7340, -0.3619, -70.8037
Hunter-Lab	44.8208, -30.4647, 11.4699

Details

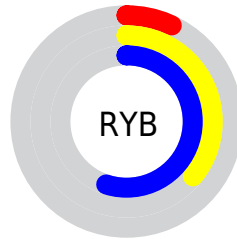
The Hex color **138D63** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8D133D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **58C496**, and **005A34** is the 20% darker color. If you saturate the color by 10%, you get **058D5E**, and if you desaturate by 10%, it is **218D68**.

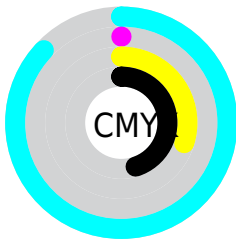
Distribution



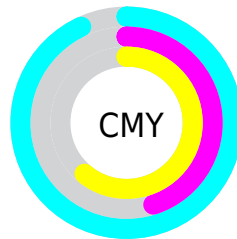
- Red (7%)
- Green (55%)
- Blue (39%)



- Red (7%)
- Yellow (36%)
- Blue (55%)



- Cyan (87%)
- Magenta (0%)
- Yellow (30%)
- Black (45%)



- Cyan (93%)
- Magenta (45%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 138D63 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 138D63 by changing the saturation by 10% instead.

 138D63

 138D63

FFFFFF

 00734B

 58C496

 005A34

 75E0B1

 00411F

 92FDCC

 002B08

 AFFFE8

 000D00

 CCFFFF

 000000

 E9FFFF

 138D63

 138D63

 058D5E

 218D68

■ 008D5C

■ 2F8D6D

■ 3D8D72

■ 4B8D76

■ 598D7B

■ 688D80

■ 768D85

■ 848D8A

■ 928D8F

Harmonies

Analogous

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



5A8841



138D63



008F8A

Triad

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



138D63



557BC5



BB644C

Complementary

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



138D63



8D133D

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.



C25B6E



138D63



926CB4

Square

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



138D63



0086C3



B55F94



A47233

Rectangle

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



138D63



008EA2



B55F94



BF6056

Sweetspot

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



138D63



88B8A7



3E8D13



3F5C52



DBDBDB



5C5C5C

Same Dimension

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



138D63



00B878



137B8D



404745



008759



000805

Inverse Universe

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



8D133D



B8003F



8D2513



474043



87002F



080003

Previews

White Background



This preview shows how the Hex color 138D63 looks on a white background.

Color Contrast Check

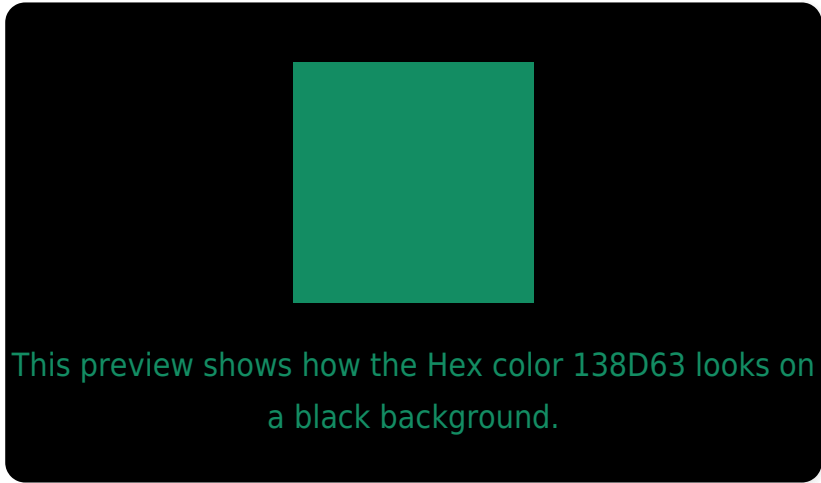
Large Text (above 18pt) WCAG AA ✓ Pass

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

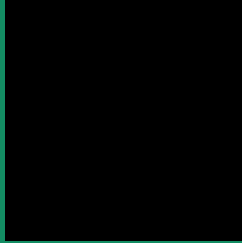
Any Text WCAG AA ✓ Pass

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 138D63 Background



This preview shows how black text looks on a background with the Hex color 138D63.



This preview shows how white text looks on a background with the Hex color 138D63.

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



Trichromacy



Original Color
138D63



Protanomaly
5B825E



Deuteranomaly
617E66



Tritanomaly
278981

Monochromacy



Original Color
138D63



Achromatopsia
646464



Achromatomaly
477364

CSS Examples

Text

The CSS property to change the color of the text to Hex 138D63 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 #138D63 looks like.

```
.text, #text, p{  
    color:#138D63  
}
```

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 #138D63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #138D63
}
```

Border

The CSS property to change the border of an element to Hex 138D63 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
#138D63 }
```

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

```
.border{ border-color:#138D63 }
```

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

Here you see how a box with a 4 pixel #138D63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #138D63; -webkit-box-shadow:4px 4px  
4px 4px #138D63; box-shadow:4px 4px 4px  
4px #138D63 }
```

Background

The CSS property to change the background color of an element to Hex 138D63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#138D63 }
```

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

```
.background{ background-color:#138D63 }
```

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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