

Converting Colors

RGB(13, 141, 147)

Have a look what the booklet for
RGB(13, 141, 147) contains.

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Color

RGB(13, 141, 147)

Conversions

Conversions Part 1

Format	Color
Hex	0D8D93
RGB	13, 141, 147
RGB Percent	5%, 55%, 58%
CMY	0.9490, 0.4471, 0.4235
CMYK	0.91, 0.04, 0.00, 0.42
HSL	183°, 84%, 31%
HSV	183°, 91%, 58%
XYZ	14.9573, 21.2419, 30.9155
YIQ	103.4120, -78.2140, -25.2700

Conversions

Conversions Part 2

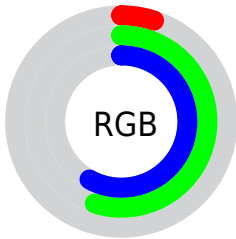
Format	Color
RYB	13, 78, 147
Decimal	888211
CIELab	53.21, -28.39, -12.12
CIELCh	53, 30.867, 203.118
Yxy	21.2419, 0.2229, 0.3165
Android (android.graphics.Color)	4279078291 (0xFF0D8D93)
YUV	103.4120, 21.4889, -79.2913
Hunter-Lab	46.0889, -22.7268, -7.5083

Details

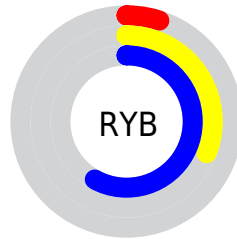
The RGB color **13, 141, 147** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **147, 19, 13**, and the grayscale version is **103, 103, 103**.

A 20% lighter version of the original color is **91, 195, 201**, and **0, 90, 96** is the 20% darker color. If you saturate the color by 10%, you get **0, 140, 147**, and if you desaturate by 10%, it is **28, 142, 147**.

Distribution



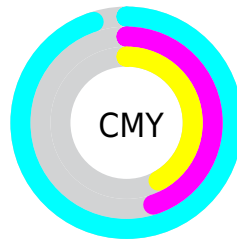
- Red (5%)
- Green (55%)
- Blue (58%)



- Red (5%)
- Yellow (31%)
- Blue (58%)



- Cyan (91%)
- Magenta (4%)
- Yellow (0%)
- Black (42%)



- Cyan (95%)
- Magenta (45%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 13, 141, 147 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 RGB color 13, 141, 147 by changing the saturation by 10% instead.



13, 141, 147



13, 141, 147

255, 255, 255



0, 115, 121



91, 195, 201



0, 90, 96



120, 223, 229



0, 66, 73



150, 252, 255



0, 43, 50



179, 255, 255



0, 20, 29



209, 255, 255



0, 0, 1



238, 255, 255



0, 0, 0



13, 141, 147



13, 141, 147



0, 140, 147



28, 142, 147

■ 42, 142, 147

■ 57, 143, 147

■ 72, 144, 147

■ 87, 144, 147

■ 101, 145, 147

■ 116, 146, 147

■ 131, 146, 147

■ 145, 147, 147

Harmonies

Analogous

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



57, 141, 120



13, 141, 147



26, 138, 169

Triad

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



13, 141, 147



155, 113, 159



150, 123, 74

Complementary

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



13, 141, 147



147, 19, 13

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.



170, 114, 86



13, 141, 147



174, 107, 134

Square

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



13, 141, 147



121, 122, 176



179, 107, 108



124, 132, 77

Rectangle

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



13, 141, 147



61, 134, 177



179, 107, 108



157, 120, 76

Sweetspot

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



13, 141, 147



140, 189, 191



13, 147, 17



66, 96, 97



224, 224, 224



97, 97, 97

Same Dimension

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



13, 141, 147



0, 183, 191



13, 76, 147



67, 74, 74



0, 132, 138



0, 10, 10

Inverse Universe

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



147, 13, 141



191, 0, 183



147, 84, 13



74, 67, 74



138, 0, 132



10, 0, 10

Previews

White Background



This preview shows how the RGB color 13, 141, 147 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



This preview shows how the RGB color 13, 141, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

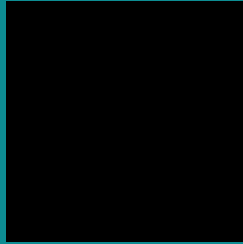
Any Text WCAG AA ✓ Pass

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](#).

RGB 13, 141, 147 Background



This preview shows how black text looks on a background with the RGB color 13, 141, 147.

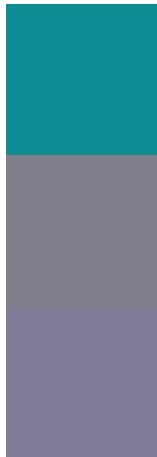


This preview shows how white text looks on a background with the RGB color 13, 141, 147.

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](#).

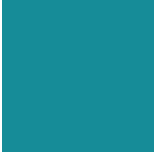
Dichromacy



Original Color
[13](#), [141](#), [147](#)

Protanopia
[125](#), [126](#), [137](#)

Deuteranopia
[127](#), [124](#), [151](#)



Tritanopia
22, 140, 152

Trichromacy



Original Color

13, 141, 147



Protanomaly

84, 131, 141



Deuteranomaly

86, 130, 150



Tritanomaly

19, 140, 150

Monochromacy



Original Color

13, 141, 147



Achromatopsia

103, 103, 103



Achromatomaly

70, 117, 119

CSS Examples

Text

The CSS property to change the color of the text to RGB 13, 141, 147 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 `rgb(13, 141, 147)` looks like.

```
.text, #text, p{  
    color:rgb(13, 141, 147)  
}
```

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 rgb(13, 141, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 141, 147) }
```

Border

The CSS property to change the border of an element to RGB 13, 141, 147 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 rgb(13, 141, 147) }
```

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

```
.border{ border-color:rgb(13, 141, 147) }
```

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

Here you see how a box with a 4 pixel rgb(13, 141, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 141, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 141, 147);  
box-shadow:4px 4px 4px 4px rgb(13, 141,  
147) }
```

Background

The CSS property to change the background color of an element to RGB 13, 141, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 141, 147) }
```

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

```
.background{ background-color: rgb(13, 141,  
147) }
```

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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