

# Converting Colors

HunterLab(42.9332, -19.3709,  
-10.5832)

Have a look what the booklet for  
HunterLab(42.9332, -19.3709,  
-10.5832) contains.

<b>HunterLab(42.8247, -19.3758, -10.4811)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(42.8247,  
-19.3758, -10.4811)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0E8390
RGB	14, 131, 144
RGB Percent	5%, 51%, 56%
CMY	0.9450, 0.4863, 0.4353
CMYK	0.90, 0.09, 0.00, 0.44
HSL	186°, 82%, 31%
HSV	186°, 90%, 56%
XYZ	13.3314, 18.3395, 29.2228
YIQ	97.4990, -73.9050, -20.7610

# Conversions

## Conversions Part 2

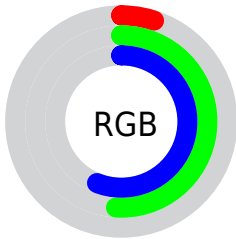
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 76, 144
Decimal	951184
CIELab	49.91, -24.29, -15.38
CIELCh	50, 28.747, 212.339
Yxy	18.3402, 0.2189, 0.3012
Android (android.graphics.Color)	4279141264 (0xFF0E8390)
YUV	97.4990, 22.9250, -73.2286
Hunter-Lab	42.8247, -19.3758, -10.4811

# Details

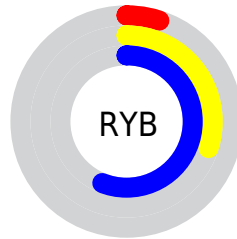
The HunterLab color **42.8247, -19.3758, -10.4811** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **25.9725, 36.8373, 15.6993**, and the grayscale version is **34.7000, -1.8515, 1.8853**.

A 20% lighter version of the original color is **63.6255, -23.1029, -10.9843**, and **25.8709, -11.0323, -8.5207** is the 20% darker color. If you saturate the color by 10%, you get **42.2761, -19.2476, -11.2914**, and if you desaturate by 10%, it is **43.4615, -19.2331, -9.5514**.

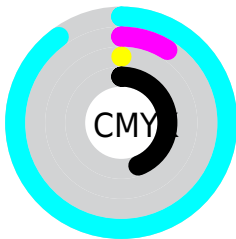
# Distribution



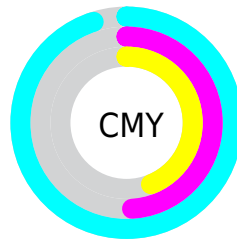
- Red (5%)
- Green (51%)
- Blue (56%)



- Red (5%)
- Yellow (30%)
- Blue (56%)



- Cyan (90%)
- Magenta (9%)
- Yellow (0%)
- Black (44%)



- Cyan (95%)
- Magenta (49%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8247, -19.3758, -10.4811 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 HunterLab color 42.8247, -19.3758, -10.4811 by changing the saturation by 10% instead.



■ 42.8247, -19.3758,  
-10.4811

■ 42.8247, -19.3758,  
-10.4811

■ 155.8145,  
-35.9623, -9.7882

■ 33.4582, -17.2795,  
-10.2532

■ 63.7308, -23.3158,  
-10.7219

■ 24.8954, -15.0523,  
-9.9502

■ 75.1766, -25.2016,  
-10.7459

■ 17.2213, -12.6297,  
-9.5755

■ 87.2358, -27.0490,  
-10.7116

■ 10.5540, -10.8683,  
-9.1633

■ 99.8787, -28.8671,  
-10.6228

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 113.0794,  
-30.6626, -10.4833

0.0000, NaN, NaN

■ 126.8153,

0.0000, NaN, NaN

-32.4410, -10.2959

0.0000, NaN, NaN

141.0664,  
-34.2064, -10.0634

■ 42.8247, -19.3758,  
-10.4811

■ 42.8247, -19.3758,  
-10.4811

■ 42.2761, -19.2476,  
-11.2914

■ 43.4615, -19.2331,  
-9.5514

■ 44.2050, -18.6807,  
-8.4782

■ 45.0642, -17.6932,  
-7.2567

■ 46.0439, -16.2619,  
-5.8893

■ 47.1465, -14.3914,  
-4.3826

■ 48.3721, -12.0964,  
-2.7465

■ 49.7193, -9.3994,  
-0.9927

■ 51.1856, -6.3281,  
0.8658

■ 52.7671, -2.9132,  
2.8162

# Harmonies

## Analogous

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



42.8255, -22.1732, 1.4660



42.8247, -19.3758, -10.4811



42.8255, -12.0539, -20.7287

# Triad

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



42.8255, -19.3757, -10.4804



42.8255, 19.0524, -8.5988



42.8255, -3.1837, 18.4433

# Complementary

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



42.8247, -19.3758, -10.4811



25.9725, 36.8373, 15.6993

# 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.



42.8255, 8.4413, 17.0624



42.8247, -19.3758, -10.4811



42.8255, 22.0552, 3.1785

# Square

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



42.8255, -19.3757, -10.4804



42.8255, 10.1619, -19.4565



42.8255, 17.9878, 12.1048



42.8255, -13.4592, 16.5400



# Rectangle

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



42.8247, -19.3758, -10.4811



42.8255, -5.1885, -24.1140



42.8255, 17.9878, 12.1048



42.8255, 0.6931, 18.3483

# Sweetspot

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



42.8255, -19.3757, -10.4804



64.7106, -15.1444, -3.0304



44.8547, -37.2969, 25.6145



30.7385, -7.7415, -1.7797



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248



# Same Dimension

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



42.8255, -19.3757, -10.4804



56.0224, -25.4071, -15.1765



24.5046, 9.3040, -48.5793



24.5468, -2.8540, 0.5138



39.4752, -17.9920, -10.5010



4.0771, -2.0281, -0.7178



# Inverse Universe

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



28.0760, 51.0386, -27.1529



36.4249, 70.0925, -36.2590



36.9007, 9.9611, 22.2440



23.4561, 1.5932, -0.4536



25.6114, 49.3112, -25.7050



2.5388, 4.9420, -2.9664



# Previews

## White Background



This preview shows how the HunterLab color 42.8247, -19.3758, -10.4811 looks on a white 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



# Black Background



This preview shows how the HunterLab color 42.8247, -19.3758, -10.4811 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

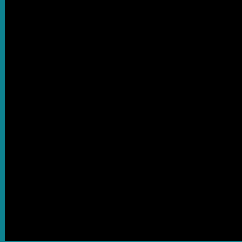
Any Text WCAG AA ✓ Pass

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](#).

## HunterLab 42.8247, -19.3758, -10.4811 Background



This preview shows how black text looks on a background with the HunterLab color 42.8247, -19.3758, -10.4811.



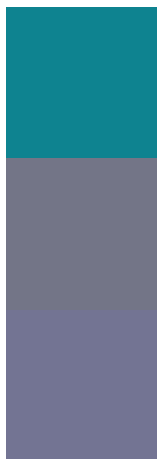
This preview shows how white text looks on a background with the HunterLab color 42.8247, -19.3758, -10.4811.

-19.3758, -10.4811.

# 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

42.8247, -19.3758, -10.4811

### Protanopia

42.5637, 0.1813, -5.6985

### Deuteranopia

42.7109, 2.9153, -11.9494



## Tritanopia

42.7051, -19.9825, -9.5650

# Trichromacy



## Original Color

42.8247, -19.3758, -10.4811

## Protanomaly

41.6818, -10.0390, -8.6939

## Deuteranomaly

41.6771, -7.9732, -13.1449

## Tritanomaly

42.7555, -19.7158, -10.0357

# Monochromacy



## Original Color

42.8247, -19.3758, -10.4811

## Achromatopsia

34.9484, -1.8648, 1.8988

## Achromatomaly

36.8551, -11.2919, -3.5809

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 42.8247, -19.3758, -10.4811 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(14, 131, 144)` looks like.

```
.text, #text, p{  
    color:rgb(14, 131, 144)  
}
```

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(14, 131, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 131, 144) }
```

## Border

The CSS property to change the border of an element to HunterLab 42.8247, -19.3758, -10.4811 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(14, 131, 144) }
```



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

```
.border{ border-color:rgb(14, 131, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 131, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 131, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 131, 144);  
box-shadow:4px 4px 4px 4px rgb(14, 131,  
144) }
```

# Background

The CSS property to change the background color of an element to HunterLab 42.8247, -19.3758, -10.4811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 131, 144) }
```

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

```
.background{ background-color: rgb(14, 131,  
144) }
```

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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor