

Converting Colors

HunterLab(51.4128, -22.2907,
3.6757)

Have a look what the booklet for
HunterLab(51.4128, -22.2907,
3.6757) contains.

HunterLab(51.4358, -22.1815, 3.5898)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(51.4358,
-22.1815, 3.5898)**

Conversions

Conversions Part 1

Format	Color
Hex	53998A
RGB	83, 153, 138
RGB Percent	33%, 60%, 54%
CMY	0.6745, 0.4000, 0.4588
CMYK	0.46, 0.00, 0.10, 0.40
HSL	167°, 30%, 46%
HSV	167°, 46%, 60%
XYZ	19.5459, 26.4564, 28.1212
YIQ	130.3600, -36.9050, -19.5050

Conversions

Conversions Part 2

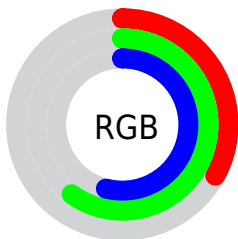
Format	Color
RYB	83, 122, 153
Decimal	5478794
CIELab	58.47, -25.85, 1.03
CIELCh	58, 25.875, 177.725
Yxy	26.4575, 0.2637, 0.3569
Android (android.graphics.Color)	4283668874 (0xFF53998A)
YUV	130.3600, 3.7665, -41.5347
Hunter-Lab	51.4358, -22.1815, 3.5898

Details

The HunterLab color **51.4358, -22.1815, 3.5898** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **37.2040, 23.3448, 4.9171**, and the grayscale version is **47.3858, -2.5284, 2.5746**.

A 20% lighter version of the original color is **73.6150, -26.3155, 5.2019**, and **32.3115, -18.0691, 2.6527** is the 20% darker color. If you saturate the color by 10%, you get **50.7376, -25.0834, 4.1594**, and if you desaturate by 10%, it is **52.2765, -18.7884, 3.1794**.

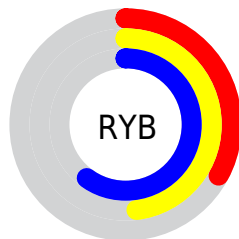
Distribution



Red (33%)

Green (60%)

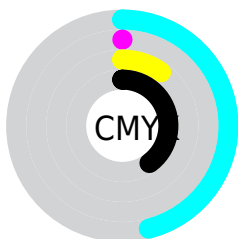
Blue (54%)



Red (33%)

Yellow (48%)

Blue (60%)

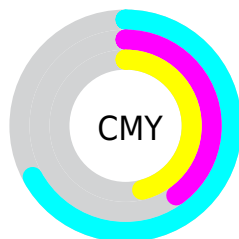


Cyan (46%)

Magenta (0%)

Yellow (10%)

Black (40%)



Cyan (67%)

Magenta (40%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.4358, -22.1815, 3.5898 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 51.4358, -22.1815, 3.5898 by changing the saturation by 10% instead.

51.4358, -22.1815,
3.5898

51.4358, -22.1815,
3.5898

168.8255,
-39.2270, 10.3697

41.4321, -20.0648,
2.9900

73.4929, -26.2004,
4.8924

32.1762, -17.8404,
2.4256

85.4659, -28.1349,
5.5907

23.7353, -15.4640,
1.8996

98.0265, -30.0344,
6.3188

16.1976, -12.8601,
1.4146

111.1485,
-31.9067, 7.0755

9.6879, -12.1644,
0.9736

124.8088,
-33.7579, 7.8599

0.0000, NaN, NaN

138.9869,

0.0000, NaN, NaN

-35.5925, 8.6709

0.0000, NaN, NaN

153.6647,
-37.4145, 9.5078

0.0000, NaN, NaN

■ 51.4358, -22.1815,
3.5898

■ 51.4358, -22.1815,
3.5898

■ 50.7376, -25.0834,
4.1594

■ 52.2765, -18.7884,
3.1794

■ 50.1746, -27.4850,
4.8758

■ 53.2587, -14.9222,
2.9329

■ 49.7407, -29.3939,
5.7250


■ 54.3837, -10.6123,
2.8539


■ 49.4261, -30.8341,
6.6883


■ 55.6499, -5.8944,
2.9417


■ 49.2145, -31.8602,
7.7399


■ 57.0545, -0.8081,
3.1929

 49.1372, -32.2451,
8.1908

 58.5936, 4.6049,
3.6018

 60.2623, 10.3033,
4.1606

 62.0555, 16.2473,
4.8606

 63.9673, 22.3999,
5.6922

Harmonies

Analogous

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



51.4368, -19.4024, 12.4079



51.4358, -22.1815, 3.5898



51.4368, -20.1273, -7.4431

Triad

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



51.4368, -22.1820, 3.5905



51.4368, 7.4438, -18.3300



51.4368, 9.0142, 17.0460

Complementary

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



51.4358, -22.1815, 3.5898



37.2040, 23.3448, 4.9171

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.



51.4368, 17.2989, 11.2914



51.4358, -22.1815, 3.5898



51.4368, 16.3401, -9.1155

Square

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



51.4368, -22.1820, 3.5905



51.4368, -3.5824, -21.5710



51.4368, 20.0846, 1.9965



51.4368, -1.9068, 19.0916

Rectangle

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



51.4358, -22.1815, 3.5898



51.4368, -16.1881, -14.3800



51.4368, 20.0846, 1.9965



51.4368, 12.2332, 15.5496

Sweetspot

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



51.4368, -22.1820, 3.5905



73.0151, -13.3037, 3.8225



51.0039, -26.2325, 21.4555



34.1597, -6.8190, 1.7946



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



51.4368, -22.1820, 3.5905



67.8696, -33.6857, 5.5953



45.7827, -11.0001, -11.0114



26.4648, -3.6332, 1.3869



44.6759, -29.2798, 7.3656



5.5086, -3.3009, 0.2404

Inverse Universe

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



37.2040, 23.3448, 4.9171



45.3306, 39.2720, 8.2060



41.3098, 12.1090, 13.9207



24.9865, 0.9961, 1.4718



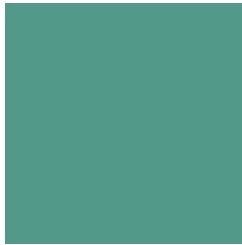
23.8563, 41.2487, 12.3602



2.9944, 5.3280, 0.3848

Previews

White Background



This preview shows how the HunterLab color 51.4358, -22.1815, 3.5898 looks on a white background.

Color Contrast Check

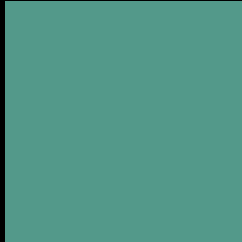
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 51.4358, -22.1815, 3.5898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

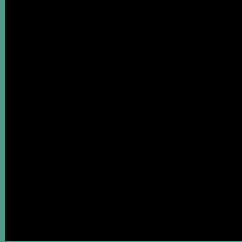
Any Text WCAG AA ✓ Pass

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 51.4358, -22.1815, 3.5898 Background



This preview shows how black text looks on a background with the HunterLab color 51.4358, -22.1815, 3.5898.



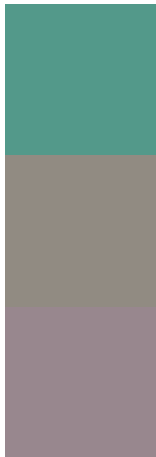
This preview shows how white text looks on a background with the HunterLab color 51.4358,

-22.1815, 3.5898.

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

51.4358, -22.1815, 3.5898

Protanopia

51.0849, -2.2574, 6.9276

Deuteranopia

50.9474, 3.6717, 1.6761



Tritanopia

51.5703, -15.3305, -7.7903

Trichromacy



Original Color

51.4358, -22.1815, 3.5898

Protanomaly

50.7716, -10.6849, 5.1848

Deuteranomaly

50.7751, -7.1804, 1.7365

Tritanomaly

51.4387, -18.0229, -3.3562

Monochromacy



Original Color

51.4358, -22.1815, 3.5898

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

48.3540, -10.3012, 2.4062

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4358, -22.1815, 3.5898 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(83, 153, 138)` looks like.

```
.text, #text, p{  
    color:rgb(83, 153, 138)  
}
```

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(83, 153, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 153, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4358, -22.1815, 3.5898 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(83, 153, 138) }
```


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

```
.border{ border-color:rgb(83, 153, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 153, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 153, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 153, 138);  
box-shadow:4px 4px 4px 4px rgb(83, 153,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.4358, -22.1815, 3.5898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 153, 138) }
```

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

```
.background{ background-color: rgb(83, 153,  
138) }
```

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