

Converting Colors

HunterLab(51.9882, -31.1034,
22.0798)

Have a look what the booklet for
HunterLab(51.9882, -31.1034,
22.0798) contains.

HunterLab(51.8818, -31.0815, 22.0731)	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(51.8818,
-31.0815, 22.0731)**

Conversions

Conversions Part 1

Format	Color
Hex	539E53
RGB	83, 158, 83
RGB Percent	33%, 62%, 33%
CMY	0.6745, 0.3804, 0.6745
CMYK	0.47, 0.00, 0.47, 0.38
HSL	120°, 31%, 47%
HSV	120°, 47%, 62%
XYZ	17.3555, 26.9172, 12.4644
YIQ	127.0250, -20.6250, -39.2250

Conversions

Conversions Part 2

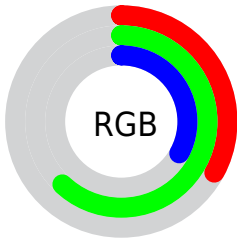
Format	Color
RYB	83, 158, 158
Decimal	5480019
CIELab	58.90, -39.17, 32.02
CIELCh	59, 50.596, 140.734
Yxy	26.9183, 0.3059, 0.4744
Android (android.graphics.Color)	4283670099 (0xFF539E53)
YUV	127.0250, -21.7043, -38.6099
Hunter-Lab	51.8818, -31.0815, 22.0731

Details

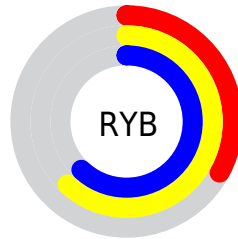
The HunterLab color $51.8818, -31.0815, 22.0731$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $39.9058, 34.6826, -22.8650$, and the grayscale version is $46.1674, -2.4634, 2.5084$.

A 20% lighter version of the original color is $73.9108, -36.5717, 26.8106$, and $32.6329, -24.9255, 16.7828$ is the 20% darker color. If you saturate the color by 10%, you get $51.0517, -34.8831, 24.6431$, and if you desaturate by 10%, it is $52.9087, -26.4854, 18.9659$.

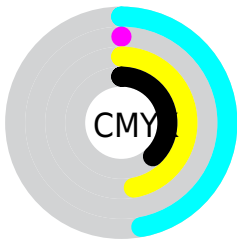
Distribution



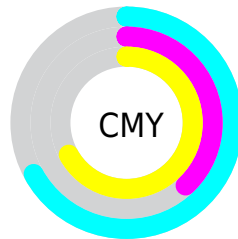
- Red (33%)
- Green (62%)
- Blue (33%)



- Red (33%)
- Yellow (62%)
- Blue (62%)



- Cyan (47%)
- Magenta (0%)
- Yellow (47%)
- Black (38%)



- Cyan (67%)
- Magenta (38%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8818, -31.0815, 22.0731 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 51.8818, -31.0815, 22.0731 by changing the saturation by 10% instead.

■ 51.8818, -31.0815,
22.0731

■ 51.8818, -31.0815,
22.0731

169.4879,
-54.0237, 42.1902

■ 41.8472, -28.0796,
19.4677

■ 73.9951, -36.6755,
26.9443

■ 32.5579, -24.8806,
16.7017

■ 85.9940, -39.3225,
29.2565

■ 24.0804, -21.4118,
13.7229

■ 98.5792, -41.8951,
31.5082

■ 16.5016, -17.5519,
11.4103

■ 111.7248,
-44.4067, 33.7110

■ 9.9444, -17.4026,
6.9611

■ 125.4078,
-46.8678, 35.8740

0.0000, NaN, NaN

139.6078,

0.0000, NaN, NaN

-49.2868, 38.0045

0.0000, NaN, NaN

154.3066,
-51.6702, 40.1083

0.0000, NaN, NaN

■ 51.8818, -31.0815,
22.0731

■ 51.8818, -31.0815,
22.0731

■ 51.0517, -34.8831,
24.6431

■ 52.9087, -26.4854,
18.9659

■ 50.4099, -37.8672,
26.6609

■ 54.1307, -21.1368,
15.3507

■ 49.9476, -40.0439,
28.1328

■ 55.5472, -15.0988,
11.2702

■ 49.6500, -41.4577,
29.0890

■ 57.1541, -8.4449,
6.7742

■ 49.4867, -42.2376,
29.6164

■ 58.9450, -1.2534,
1.9161

■ 49.4517, -42.4048,
29.7295

■ 60.9121, 6.3970,
-3.2509

■ 63.0466, 14.4316,
-8.6762

■ 65.3394, 22.7822,
-14.3134

■ 67.7808, 31.3884,
-20.1218

Harmonies

Analogous

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



51.8829, -16.6252, 27.7999



51.8818, -31.0815, 22.0731



51.8829, -37.6250, 8.7717

Triad

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



51.8829, -31.0824, 22.0735



51.8829, -9.2682, -52.9938



51.8829, 41.8850, 14.9182

Complementary

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



51.8818, -31.0815, 22.0731



39.9058, 34.6826, -22.8650

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.



51.8829, 44.7188, -3.9233



51.8818, -31.0815, 22.0731



51.8829, 12.7089, -49.1354

Square

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



51.8829, -31.0824, 22.0735



51.8829, -26.4529, -37.8375



51.8829, 33.3159, -28.7836



51.8829, 26.1072, 24.9935

Rectangle

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



51.8818, -31.0815, 22.0731



51.8829, -37.4933, -5.0566



51.8829, 33.3159, -28.7836



51.8829, 44.4734, 9.6347

Sweetspot

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



51.8829, -31.0824, 22.0735



75.5177, -17.5667, 13.3088



56.8759, -12.0030, 26.3054



35.6535, -9.1907, 6.8934



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



51.8829, -31.0824, 22.0735



68.7320, -47.2996, 33.4059



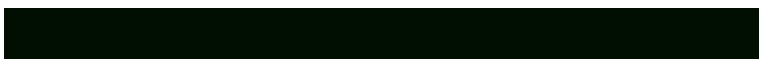
52.5947, -26.8260, 11.7272



27.2049, -4.6269, 3.6374



44.2549, -37.9485, 26.6052



5.9176, -5.0743, 3.5575

Inverse Universe

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



39.9058, 34.6826, -22.8650



49.7974, 57.5653, -38.2473



38.5024, 28.1944, -3.3910



25.9896, 1.9370, -0.8482



27.9264, 54.9041, -36.8320



3.7343, 7.3417, -4.9252

Previews

White Background



This preview shows how the HunterLab color 51.8818, -31.0815, 22.0731 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 51.8818, -31.0815, 22.0731 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 51.8818, -31.0815, 22.0731 Background



This preview shows how black text looks on a background with the HunterLab color 51.8818, -31.0815, 22.0731.



This preview shows how white text looks on a background with the HunterLab color 51.8818,

-31.0815, 22.0731.

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

51.8818, -31.0815, 22.0731

Protanopia

51.5307, -5.7206, 23.5744

Deuteranopia

51.5706, 3.3606, 20.9705



Tritanopia

51.6921, -13.3663, -7.0558

Trichromacy



Original Color

51.8818, -31.0815, 22.0731

Protanomaly

51.0873, -16.3837, 22.6081

Deuteranomaly

50.7310, -11.2864, 20.5245

Tritanomaly

51.4559, -20.7510, 5.7748

Monochromacy



Original Color

51.8818, -31.0815, 22.0731

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

47.6489, -14.0320, 10.4023

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8818, -31.0815, 22.0731 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, 158, 83)` looks like.

```
.text, #text, p{  
    color:rgb(83, 158, 83)  
}
```

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, 158, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 158, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8818, -31.0815, 22.0731 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, 158, 83) }
```


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

```
.border{ border-color:rgb(83, 158, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 158, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 158, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 158, 83);  
box-shadow:4px 4px 4px 4px rgb(83, 158,  
83) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8818, -31.0815, 22.0731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 158, 83) }
```

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

```
.background{ background-color: rgb(83, 158,  
83) }
```

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