

Converting Colors

HunterLab(51.4642, -31.3960,
9.7363)

Have a look what the booklet for
HunterLab(51.4642, -31.3960,
9.7363) contains.

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Color

**HunterLab(51.4438,
-31.2872, 9.5547)**

Conversions

Conversions Part 1

Format	Color
Hex	2E9E7B
RGB	46, 158, 123
RGB Percent	18%, 62%, 48%
CMY	0.8196, 0.3804, 0.5176
CMYK	0.71, 0.00, 0.22, 0.38
HSL	161°, 55%, 40%
HSV	161°, 71%, 62%
XYZ	16.9287, 26.4646, 22.9549
YIQ	120.5220, -55.5170, -34.6290

Conversions

Conversions Part 2

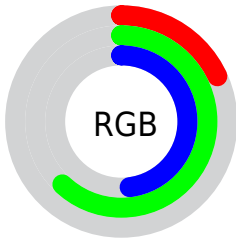
Format	Color
RYB	46, 112, 158
Decimal	3055227
CIELab	58.48, -39.70, 9.37
CIElCh	58, 40.788, 166.714
Yxy	26.4657, 0.2552, 0.3989
Android (android.graphics.Color)	4281245307 (0xFF2E9E7B)
YUV	120.5220, 1.2217, -65.3558
Hunter-Lab	51.4438, -31.2872, 9.5547

Details

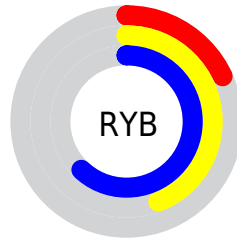
The HunterLab color **51.4438, -31.2872, 9.5547** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **31.3334, 39.5261, 5.2673**, and the grayscale version is **43.5530, -2.3239, 2.3663**.

A 20% lighter version of the original color is **73.3549, -36.8871, 11.7741**, and **32.8671, -22.8133, 8.1663** is the 20% darker color. If you saturate the color by 10%, you get **51.0326, -33.1941, 10.9290**, and if you desaturate by 10%, it is **51.9898, -28.8589, 8.2649**.

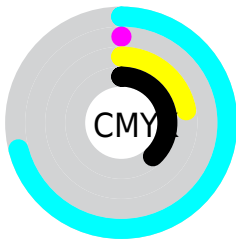
Distribution



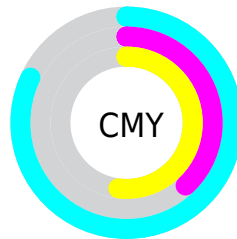
- Red (18%)
- Green (62%)
- Blue (48%)



- Red (18%)
- Yellow (44%)
- Blue (62%)



- Cyan (71%)
- Magenta (0%)
- Yellow (22%)
- Black (38%)



- Cyan (82%)
- Magenta (38%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.4438, -31.2872, 9.5547 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 51.4438, -31.2872, 9.5547 by changing the saturation by 10% instead.

■ 51.4438, -31.2872,
9.5547

■ 51.4438, -31.2872,
9.5547

168.8374,
-54.4912, 19.6451

■ 41.4395, -28.2417,
8.4682

■ 73.5019, -36.9544,
11.7300

■ 32.1830, -24.9933,
7.3719

■ 85.4753, -39.6336,
12.8263

■ 23.7415, -21.4662,
6.2537

■ 98.0364, -42.2362,
13.9319

■ 16.2031, -17.5345,
5.0910

■ 111.1588,
-44.7759, 15.0485

■ 9.6925, -16.9619,
4.5433

■ 124.8195,
-47.2635, 16.1774

0.0000, NaN, NaN

0.0000, NaN, NaN

138.9980,

-49.7075, 17.3194

0.0000, NaN, NaN

153.6762,
-52.1149, 18.4751

0.0000, NaN, NaN

■ 51.4438, -31.2872,
9.5547

■ 51.4438, -31.2872,
9.5547

■ 51.0326, -33.1941,
10.9290

■ 51.9898, -28.8589,
8.2649

■ 50.7409, -34.6126,
12.3619

■ 52.6761, -25.8947,
7.0791

■ 50.5477, -35.6036,
13.6777

■ 53.5095, -22.3987,
6.0156

■ 54.4927, -18.3891,
5.0886

■ 55.6268, -13.8953,
4.3084

■ 56.9105, -8.9548,
3.6815

■ 58.3411, -3.6104,
3.2111

■ 59.9149, 2.0923,
2.8971

■ 61.6268, 8.1080,
2.7368

Harmonies

Analogous

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



51.4448, -24.7949, 20.1166



51.4438, -31.2872, 9.5547



51.4448, -30.8911, -7.1585

Triad

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



51.4448, -31.2876, 9.5552



51.4448, 7.1744, -37.6671



51.4448, 22.1077, 20.9218

Complementary

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



51.4438, -31.2872, 9.5547



31.3334, 39.5261, 5.2673

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.



51.4448, 33.1506, 11.0961



51.4438, -31.2872, 9.5547



51.4448, 23.7794, -23.9676

Square

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



51.4448, -31.2876, 9.5552



51.4448, -10.1721, -38.5039



51.4448, 33.7999, -5.0165



51.4448, 5.1232, 25.0606

Rectangle

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



51.4438, -31.2872, 9.5547



51.4448, -26.7930, -19.9400



51.4448, 33.7999, -5.0165



51.4448, 26.7303, 18.3549

Sweetspot

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



51.4448, -31.2876, 9.5552



74.8751, -19.0589, 5.8560



51.4025, -33.8568, 28.0994



35.3560, -9.8185, 2.9019



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.



51.4448, -31.2876, 9.5552



68.5241, -45.9113, 15.8356



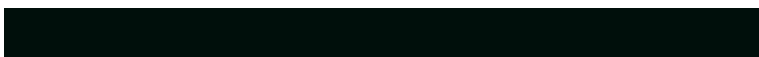
45.9073, -16.9152, -13.7875



27.3389, -3.8789, 1.7196



45.2438, -31.8125, 12.1233



6.1094, -3.8912, 0.7638

Inverse Universe

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



31.3334, 39.5261, 5.2673



38.5347, 61.1993, 11.3189



33.8026, 28.3674, 16.7912



25.8430, 1.1504, 1.2365



24.5121, 42.7389, 9.9381



3.3849, 6.1063, -0.2124

Previews

White Background



This preview shows how the HunterLab color 51.4438, -31.2872, 9.5547 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 51.4438, -31.2872, 9.5547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

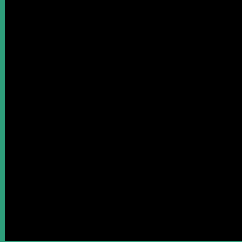
Any Text WCAG AA ✓ Pass

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 51.4438, -31.2872, 9.5547 Background



This preview shows how black text looks on a background with the HunterLab color 51.4438, -31.2872, 9.5547.



This preview shows how white text looks on a background with the HunterLab color 51.4438,

-31.2872, 9.5547.

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

51.4438, -31.2872, 9.5547

Protanopia

50.9667, -3.4465, 12.8257

Deuteranopia

51.0437, 3.2214, 7.7879



Tritanopia

51.2805, -19.4285, -9.8986

Trichromacy



Original Color

51.4438, -31.2872, 9.5547

Protanomaly

50.2211, -16.6403, 10.7860

Deuteranomaly

49.9331, -12.5826, 7.1108

Tritanomaly

51.1984, -24.0328, -2.2869

Monochromacy



Original Color

51.4438, -31.2872, 9.5547

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

45.6454, -14.7525, 3.9519

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4438, -31.2872, 9.5547 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(46, 158, 123)` looks like.

```
.text, #text, p{  
    color:rgb(46, 158, 123)  
}
```

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(46, 158, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 158, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4438, -31.2872, 9.5547 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(46, 158, 123) }
```


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

```
.border{ border-color:rgb(46, 158, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 158, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 158, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 158, 123);  
box-shadow:4px 4px 4px 4px rgb(46, 158,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.4438, -31.2872, 9.5547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 158, 123) }
```

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

```
.background{ background-color: rgb(46, 158,  
123) }
```

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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