

Converting Colors

HunterLab(51.1457, -31.9952,
16.6442)

Have a look what the booklet for
HunterLab(51.1457, -31.9952,
16.6442) contains.

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Color

**HunterLab(51.0982,
-31.9372, 16.6417)**

Conversions

Conversions Part 1

Format	Color
Hex	3F9D65
RGB	63, 157, 101
RGB Percent	25%, 62%, 40%
CMY	0.7529, 0.3843, 0.6039
CMYK	0.60, 0.00, 0.36, 0.38
HSL	144°, 43%, 43%
HSV	144°, 60%, 62%
XYZ	16.4558, 26.1103, 16.4844
YIQ	122.5100, -38.0480, -37.3440

Conversions

Conversions Part 2

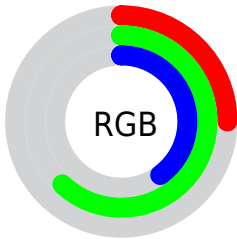
Format	Color
R _Y B	63, 130, 157
Decimal	4169061
CIE Lab	58.14, -40.90, 21.24
CIE LCh	58, 46.086, 152.561
Yxy	26.1113, 0.2787, 0.4422
Android (android.graphics.Color)	4282359141 (0xFF3F9D65)
YUV	122.5100, -10.6044, -52.1903
Hunter-Lab	51.0982, -31.9372, 16.6417

Details

The HunterLab color **51.0982, -31.9372, 16.6417** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **34.7211, 36.9818, -7.7616**, and the grayscale version is **44.3656, -2.3672, 2.4105**.

A 20% lighter version of the original color is **72.9903, -37.6918, 20.1865**, and **32.1873, -24.7496, 13.1961** is the 20% darker color. If you saturate the color by 10%, you get **50.4906, -34.7628, 18.7082**, and if you desaturate by 10%, it is **51.8632, -28.4960, 14.4786**.

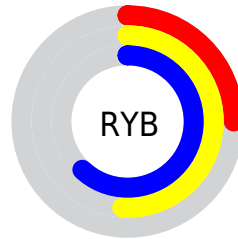
Distribution



Red (25%)

Green (62%)

Blue (40%)



Red (25%)

Yellow (51%)

Blue (62%)

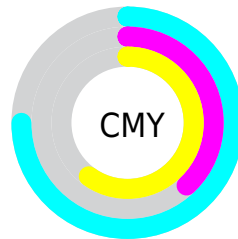


Cyan (60%)

Magenta (0%)

Yellow (36%)

Black (38%)



Cyan (75%)

Magenta (38%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.0982, -31.9372, 16.6417 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 51.0982, -31.9372, 16.6417 by changing the saturation by 10% instead.

■ 51.0982, -31.9372,
16.6417

■ 51.0982, -31.9372,
16.6417

168.3235,
-55.7105, 31.8348

■ 41.1181, -28.8027,
14.7815

■ 73.1126, -37.7603,
20.1875

■ 31.8876, -25.4543,
12.8313

■ 85.0659, -40.5088,
21.9017

■ 23.4747, -21.8126,
10.7530

■ 97.6078, -43.1764,
23.5900

■ 15.9682, -17.7451,
8.5705

■ 110.7118,
-45.7775, 25.2592

■ 9.4949, -16.6160,
6.6464

■ 124.3549,
-48.3233, 26.9147

0.0000, NaN, NaN

0.0000, NaN, NaN

138.5165,

-50.8228, 28.5603

0.0000, NaN, NaN

153.1782,
-53.2832, 30.1995

0.0000, NaN, NaN

■ 51.0982, -31.9372,
16.6417

■ 51.0982, -31.9372,
16.6417

■ 50.4906, -34.7628,
18.7082

■ 51.8632, -28.4960,
14.4786

■ 50.0293, -36.9761,
20.6504

■ 52.7872, -24.4521,
12.2449

■ 49.7036, -38.6062,
22.4444

■ 53.8731, -19.8364,
9.9681

■ 49.4790, -39.7844,
24.0534

■ 55.1204, -14.6914,
7.6742

■ 49.4763, -39.7984,
24.0724

■ 56.5266, -9.0673,
5.3866

■ 58.0878, -3.0186,
3.1263

■ 59.7987, 3.3991,
0.9104

■ 61.6530, 10.1319,
-1.2472

■ 63.6442, 17.1293,
-3.3359

Harmonies

Analogous

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



51.0992, -21.3892, 24.6404



51.0982, -31.9372, 16.6417



51.0992, -35.0594, 1.1611

Triad

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



51.0992, -31.9378, 16.6421



51.0992, -1.0422, -47.2401



51.0992, 32.8793, 18.4990

Complementary

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



51.0982, -31.9372, 16.6417



34.7211, 36.9818, -7.7616

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.



51.0992, 40.3968, 4.3504



51.0982, -31.9372, 16.6417



51.0992, 19.0641, -37.3516

Square

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



51.0992, -31.9378, 16.6421



51.0992, -18.8891, -40.0960



51.0992, 34.9999, -16.5417



51.0992, 15.7274, 25.3954

Rectangle

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



51.0982, -31.9372, 16.6417



51.0992, -32.9574, -12.8884



51.0992, 34.9999, -16.5417



51.0992, 36.7240, 14.6643

Sweetspot

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



51.0992, -31.9378, 16.6421



74.0367, -18.5517, 9.8014



53.3144, -24.2706, 27.1972



34.5025, -9.6252, 4.9897



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



51.0992, -31.9378, 16.6421



67.3288, -47.6532, 25.9696



52.2468, -25.0793, 0.1481



27.2824, -4.1940, 2.5275



44.5956, -35.8174, 21.5789



6.0311, -4.3693, 1.8938

Inverse Universe

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



34.7211, 36.9818, -7.7616



42.1998, 59.1916, -10.3839



33.4615, 31.4119, 10.1833



25.9020, 1.4675, 0.3960



25.4536, 46.1713, -3.5620



3.5224, 6.5992, -2.1198

Previews

White Background



This preview shows how the HunterLab color 51.0982, -31.9372, 16.6417 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 51.0982, -31.9372, 16.6417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

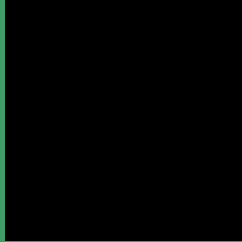
Any Text WCAG AA ✓ Pass

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 51.0982, -31.9372, 16.6417 Background



This preview shows how black text looks on a background with the HunterLab color 51.0982, -31.9372, 16.6417.



This preview shows how white text looks on a background with the HunterLab color 51.0982,

-31.9372, 16.6417.

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

51.0982, -31.9372, 16.6417

Protanopia

50.7342, -5.0974, 19.0706

Deuteranopia

50.5986, 3.5035, 15.2621



Tritanopia

51.1573, -16.8748, -8.3891

Trichromacy



Original Color

51.0982, -31.9372, 16.6417

Protanomaly

50.2532, -17.3951, 17.6049

Deuteranomaly

49.8573, -12.3375, 14.9313

Tritanomaly

51.1192, -23.2922, 2.3150

Monochromacy



Original Color

51.0982, -31.9372, 16.6417

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

46.1871, -14.6429, 7.3829

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.0982, -31.9372, 16.6417 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(63, 157, 101)` looks like.

```
.text, #text, p{  
    color:rgb(63, 157, 101)  
}
```

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(63, 157, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 157, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 51.0982, -31.9372, 16.6417 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(63, 157, 101) }
```


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

```
.border{ border-color:rgb(63, 157, 101) }
```

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

Here you see how a box with a 4 pixel rgb(63, 157, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 157, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 157, 101);  
box-shadow:4px 4px 4px 4px rgb(63, 157,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.0982, -31.9372, 16.6417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 157, 101) }
```

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

```
.background{ background-color: rgb(63, 157,  
101) }
```

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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