

Converting Colors

HunterLab(49.7144, -31.2813,
11.5531)

Have a look what the booklet for
HunterLab(49.7144, -31.2813,
11.5531) contains.

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Color

**HunterLab(49.8612,
-31.3440, 11.5984)**

Conversions

Conversions Part 1

Format	Color
Hex	2D9A71
RGB	45, 154, 113
RGB Percent	18%, 60%, 44%
CMY	0.8235, 0.3961, 0.5569
CMYK	0.71, 0.00, 0.27, 0.40
HSL	157°, 55%, 39%
HSV	157°, 71%, 60%
XYZ	15.6185, 24.8614, 19.5984
YIQ	116.7350, -51.8030, -35.8590

Conversions

Conversions Part 2

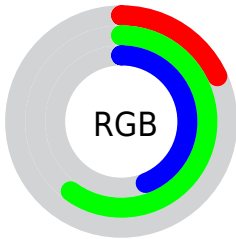
Format	Color
RYB	45, 112, 154
Decimal	2988657
CIELab	56.94, -40.53, 12.84
CIELCh	57, 42.516, 162.428
Yxy	24.8624, 0.2600, 0.4138
Android (android.graphics.Color)	4281178737 (0xFF2D9A71)
YUV	116.7350, -1.8414, -62.9116
Hunter-Lab	49.8612, -31.3440, 11.5984

Details

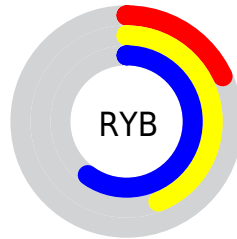
The HunterLab color **49.8612, -31.3440, 11.5984** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **30.6909, 39.0303, 2.5848**, and the grayscale version is **42.0968, -2.2462, 2.2872**.

A 20% lighter version of the original color is **71.6385, -37.1180, 14.0322**, and **31.4395, -22.6256, 9.5456** is the 20% darker color. If you saturate the color by 10%, you get **49.4451, -33.2991, 13.1363**, and if you desaturate by 10%, it is **50.4107, -28.8678, 10.1066**.

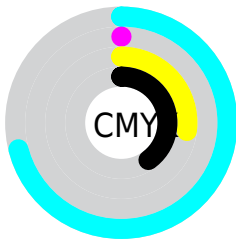
Distribution



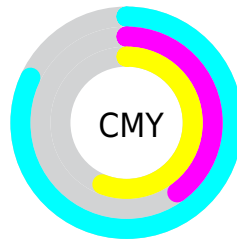
- Red (18%)
- Green (60%)
- Blue (44%)



- Red (18%)
- Yellow (44%)
- Blue (60%)



- Cyan (71%)
- Magenta (0%)
- Yellow (27%)
- Black (40%)



- Cyan (82%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8612, -31.3440, 11.5984 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 49.8612, -31.3440, 11.5984 by changing the saturation by 10% instead.

■ 49.8612, -31.3440,
11.5984

■ 49.8612, -31.3440,
11.5984

166.4788,
-55.0247, 23.1308

■ 39.9682, -28.2127,
10.2913

■ 71.7174, -37.1520,
14.1624

■ 30.8320, -24.8627,
8.9500

■ 83.5980, -39.8908,
15.4334

■ 22.5228, -21.2105,
7.5532

■ 96.0707, -42.5479,
16.7036

■ 15.1328, -17.1271,
6.0633

■ 109.1085,
-45.1380, 17.9762

■ 8.7660, -15.3404,
6.1362

■ 122.6879,
-47.6725, 19.2536

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.7882,

-50.1604, 20.5376

0.0000, NaN, NaN

151.3907,
-52.6092, 21.8296

0.0000, NaN, NaN

■ 49.8612, -31.3440,
11.5984

■ 49.8612, -31.3440,
11.5984

■ 49.4451, -33.2991,
13.1363

■ 50.4107, -28.8678,
10.1066

■ 49.1476, -34.7630,
14.6941

■ 51.0987, -25.8584,
8.6818

■ 48.9469, -35.8025,
16.1079

■ 51.9313, -22.3226,
7.3442

■ 52.9112, -18.2805,
6.1105

■ 54.0389, -13.7633,
4.9941

■ 55.3130, -8.8099,
4.0049

■ 56.7307, -3.4640,
3.1494

■ 58.2879, 2.2287,
2.4309

■ 59.9796, 8.2226,
1.8498

Harmonies

Analogous

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



49.8622, -23.7689, 21.2988



49.8612, -31.3440, 11.5984



49.8622, -31.9473, -4.8353

Triad

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



49.8622, -31.3445, 11.5989



49.8622, 4.9395, -40.8524



49.8622, 25.2818, 20.0980

Complementary

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



49.8612, -31.3440, 11.5984



30.6909, 39.0303, 2.5848

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.



49.8622, 35.4730, 9.2412



49.8612, -31.3440, 11.5984



49.8622, 22.6673, -27.8974

Square

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



49.8622, -31.3445, 11.5989



49.8622, -12.6074, -39.5183



49.8622, 34.4540, -8.1827



49.8622, 8.1270, 24.8844

Rectangle

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



49.8612, -31.3440, 11.5984



49.8622, -28.4505, -18.1578



49.8622, 34.4540, -8.1827



49.8622, 29.7371, 17.2387

Sweetspot

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



49.8622, -31.3445, 11.5989



72.7288, -18.9601, 6.8228



50.3166, -31.5050, 27.5275



34.4088, -9.7845, 3.4229



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.



49.8622, -31.3445, 11.5989



66.3852, -46.1251, 18.9482



46.9312, -19.4398, -10.0456



26.4332, -3.8095, 1.8389



44.1877, -32.2661, 14.4225



5.4674, -3.5502, 0.8300

Inverse Universe

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



30.6909, 39.0303, 2.5848



37.7347, 60.3940, 7.4371



31.7139, 30.6138, 15.4360



25.0184, 1.1675, 1.0175



24.1909, 42.4809, 7.4667



3.0690, 5.5982, -0.6715

Previews

White Background



This preview shows how the HunterLab color 49.8612, -31.3440, 11.5984 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 49.8612, -31.3440, 11.5984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

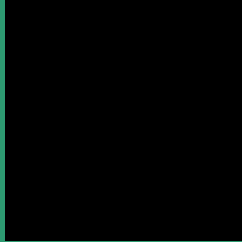
Any Text WCAG AA ✓ Pass

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 49.8612, -31.3440, 11.5984 Background



This preview shows how black text looks on a background with the HunterLab color 49.8612, -31.3440, 11.5984.



This preview shows how white text looks on a background with the HunterLab color 49.8612, -31.3440, 11.5984.

-31.3440, 11.5984.

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

49.8612, -31.3440, 11.5984

Protanopia

49.3428, -3.7263, 14.6027

Deuteranopia

49.5067, 3.1559, 10.0345



Tritanopia

49.8414, -18.7647, -9.1789

Trichromacy



Original Color

49.8612, -31.3440, 11.5984

Protanomaly

48.6403, -16.7392, 12.7234

Deuteranomaly

48.3436, -12.7663, 9.3013

Tritanomaly

49.6945, -23.7140, -0.7980

Monochromacy



Original Color

49.8612, -31.3440, 11.5984

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

44.1026, -14.6498, 4.7064

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8612, -31.3440, 11.5984 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(45, 154, 113)` looks like.

```
.text, #text, p{  
    color:rgb(45, 154, 113)  
}
```

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(45, 154, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 154, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8612, -31.3440, 11.5984 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(45, 154, 113) }
```


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

```
.border{ border-color:rgb(45, 154, 113) }
```

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

Here you see how a box with a 4 pixel rgb(45, 154, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 154, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 154, 113);  
box-shadow:4px 4px 4px 4px rgb(45, 154,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8612, -31.3440, 11.5984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 154, 113) }
```

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

```
.background{ background-color: rgb(45, 154,  
113) }
```

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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