

Converting Colors

HunterLab(63.2149, -31.0275,
24.5736)

Have a look what the booklet for
HunterLab(63.2149, -31.0275,
24.5736) contains.

HunterLab(63.2149, -31.0275, 24.5736)	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(63.2149,
-31.0275, 24.5736)**

Conversions

Conversions Part 1

Format	Color
Hex	7AB96E
RGB	122, 185, 110
RGB Percent	48%, 73%, 43%
CMY	0.5216, 0.2745, 0.5686
CMYK	0.34, 0.00, 0.41, 0.27
HSL	110°, 35%, 58%
HSV	110°, 41%, 73%
XYZ	28.1894, 39.9612, 20.9794
YIQ	157.6130, -13.4730, -36.6810

Conversions

Conversions Part 2

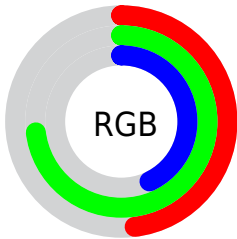
Format	Color
RYB	110, 185, 173
Decimal	8042862
CIELab	69.44, -34.84, 31.80
CIElCh	69, 47.173, 137.617
Yxy	39.9629, 0.3163, 0.4483
Android (android.graphics.Color)	4286232942 (0xFF7AB96E)
YUV	157.6130, -23.4732, -31.2326
Hunter-Lab	63.2149, -31.0275, 24.5736

Details

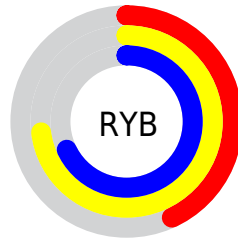
The HunterLab color $63.2149, -31.0275, 24.5736$ is a dark color, and the websafe version is hex $99CC66$. A complement of this color would be $48.5181, 31.2340, -25.6484$, and the grayscale version is $58.4133, -3.1168, 3.1737$.

A 20% lighter version of the original color is $86.5253, -35.6690, 29.2691$, and $42.2312, -25.6655, 19.3751$ is the 20% darker color. If you saturate the color by 10%, you get $62.0934, -36.0530, 28.0711$, and if you desaturate by 10%, it is $64.5256, -25.2690, 20.3932$.

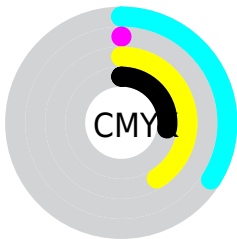
Distribution



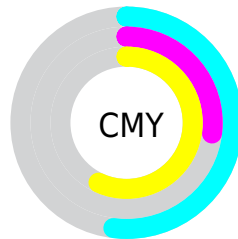
- Red (48%)
- Green (73%)
- Blue (43%)



- Red (43%)
- Yellow (73%)
- Blue (68%)



- Cyan (34%)
- Magenta (0%)
- Yellow (41%)
- Black (27%)



- Cyan (52%)
- Magenta (27%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.2149, -31.0275, 24.5736 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 63.2149, -31.0275, 24.5736 by changing the saturation by 10% instead.

■ 63.2149, -31.0275,
24.5736

■ 63.2149, -31.0275,
24.5736

186.0020,
-51.5766, 44.1517

■ 52.4496, -28.4506,
22.1115

■ 86.6643, -35.9196,
29.2393

■ 42.3749, -25.7495,
19.5291

■ 99.2808, -38.2672,
31.4760

■ 33.0434, -22.8850,
16.7904

■ 112.4562,
-40.5656, 33.6650

■ 24.5197, -19.7950,
13.8437

■ 126.1678,
-42.8239, 35.8153

■ 16.8893, -16.3765,
11.3993

140.3954,
-45.0489, 37.9338

■ 10.2723, -15.4912,
7.1906

155.1209,

0.0000, NaN, NaN

-47.2464, 40.0264

0.0000, NaN, NaN

170.3280,
-49.4210, 42.0977

0.0000, NaN, NaN

■ 63.2149, -31.0275,
24.5736

■ 63.2149, -31.0275,
24.5736

■ 62.0934, -36.0530,
28.0711

■ 64.5256, -25.2690,
20.3932

■ 61.1560, -40.3036,
30.8672

■ 66.0200, -18.8261,
15.5607

■ 60.4001, -43.7609,
32.9654


■ 67.6963, -11.7618,
10.1205


■ 59.8184, -46.4285,
34.3927


■ 69.5492, -4.1429,
4.1234


■ 59.4000, -48.3374,
35.2057

■ 71.5726, 3.9625,
-2.3756

 59.1350, -49.5349,
35.5715

 73.7593, 12.4879,
-9.3210

 76.1017, 21.3709,
-16.6588

 78.4675, 29.9284,
-22.6103

 79.4855, 33.0096,
-21.0135

Harmonies

Analogous

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



63.2162, -15.3720, 30.5629



63.2149, -31.0275, 24.5736



63.2162, -38.8040, 11.2843

Triad

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



63.2162, -31.0287, 24.5741



63.2162, -11.9739, -48.0760



63.2162, 40.8934, 14.1933

Complementary

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



63.2149, -31.0275, 24.5736



48.5181, 31.2340, -25.6484

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.



63.2162, 42.1230, -5.5569



63.2149, -31.0275, 24.5736



63.2162, 9.5861, -46.4885

Square

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



63.2162, -31.0287, 24.5741



63.2162, -28.8276, -32.9066



63.2162, 30.0360, -29.1007



63.2162, 26.8719, 26.0899

Rectangle

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



63.2149, -31.0275, 24.5736



63.2162, -39.2586, -1.9789



63.2162, 30.0360, -29.1007



63.2162, 42.8777, 8.4199

Sweetspot

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



63.2162, -31.0287, 24.5741



90.2065, -17.3590, 14.8024



64.1386, -7.4013, 25.7551



41.7454, -8.6377, 7.3206



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



63.2162, -31.0287, 24.5741



83.1991, -47.7854, 37.2519



63.0587, -30.6579, 16.7671



31.8234, -5.0934, 4.4163



48.8174, -40.7806, 29.3671



9.2835, -7.1590, 5.5951

Inverse Universe

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



48.5181, 31.2340, -25.6484



59.6752, 52.5013, -43.9832



48.9952, 30.5867, -9.5215



30.1464, 1.9315, -1.2137



26.8025, 54.7985, -51.6603



5.2245, 10.5564, -9.0990

Previews

White Background



This preview shows how the HunterLab color 63.2149, -31.0275, 24.5736 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 63.2149, -31.0275, 24.5736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

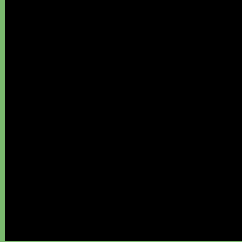
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 63.2149, -31.0275, 24.5736 Background



This preview shows how black text looks on a background with the HunterLab color 63.2149, -31.0275, 24.5736.



This preview shows how white text looks on a background with the HunterLab color 63.2149,

-31.0275, 24.5736.

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

63.2149, -31.0275, 24.5736

Protanopia

62.9013, -6.6294, 26.2986

Deuteranopia

62.9564, 4.2929, 23.5935



Tritanopia

63.2476, -11.9813, -6.9038

Trichromacy



Original Color

63.2149, -31.0275, 24.5736

Protanomaly

62.6719, -16.7416, 25.4251

Deuteranomaly

62.3105, -9.9568, 23.3556

Tritanomaly

62.9593, -19.6995, 6.6972

Monochromacy



Original Color

63.2149, -31.0275, 24.5736

Achromatopsia

58.4734, -3.1200, 3.1770

Achromatomaly

59.9567, -14.1588, 11.7781

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.2149, -31.0275, 24.5736 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(122, 185, 110)` looks like.

```
.text, #text, p{  
    color:rgb(122, 185, 110)  
}
```

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(122, 185, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 185, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 63.2149, -31.0275, 24.5736 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(122, 185, 110) }
```


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

```
.border{ border-color:rgb(122, 185, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 185, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 185, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 185, 110);  
box-shadow:4px 4px 4px 4px rgb(122, 185,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.2149, -31.0275, 24.5736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 185, 110) }
```

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

```
.background{ background-color: rgb(122,  
185, 110) }
```

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