

Converting Colors

HunterLab(64.0278, -31.1811,
24.7128)

Have a look what the booklet for
HunterLab(64.0278, -31.1811,
24.7128) contains.

HunterLab(64.0278, -31.1811, 24.7128)	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(64.0278,
-31.1811, 24.7128)**

Conversions

Conversions Part 1

Format	Color
Hex	7CBB70
RGB	124, 187, 112
RGB Percent	49%, 73%, 44%
CMY	0.5137, 0.2667, 0.5608
CMYK	0.34, 0.00, 0.40, 0.27
HSL	110°, 36%, 59%
HSV	110°, 40%, 73%
XYZ	29.0071, 40.9956, 21.7134
YIQ	159.6130, -13.4730, -36.6810

Conversions

Conversions Part 2

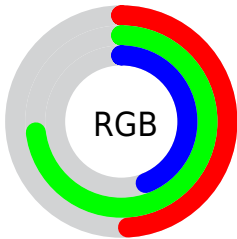
Format	Color
RYB	112, 187, 175
Decimal	8174448
CIELab	70.17, -34.80, 31.73
CIElCh	70, 47.093, 137.646
Yxy	40.9973, 0.3163, 0.4470
Android (android.graphics.Color)	4286364528 (0xFF7CBB70)
YUV	159.6130, -23.4732, -31.2326
Hunter-Lab	64.0278, -31.1811, 24.7128

Details

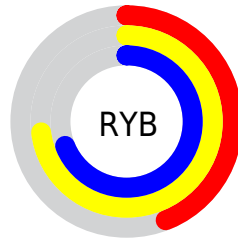
The HunterLab color $64.0278, -31.1811, 24.7128$ is a dark color, and the websafe version is hex $99CC66$. A complement of this color would be $49.2864, 31.2544, -25.6415$, and the grayscale version is $59.2300, -3.1604, 3.2181$.

A 20% lighter version of the original color is $87.7506, -36.1254, 29.3872$, and $42.9808, -25.8651, 19.5447$ is the 20% darker color. If you saturate the color by 10%, you get $62.8844, -36.3017, 28.2833$, and if you desaturate by 10%, it is $65.3630, -25.3194, 20.4512$.

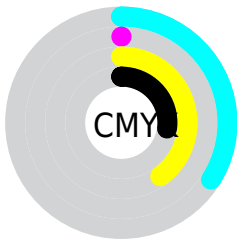
Distribution



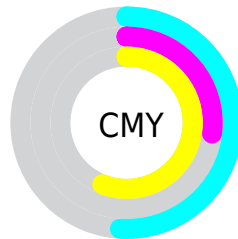
- Red (49%)
- Green (73%)
- Blue (44%)



- Red (44%)
- Yellow (73%)
- Blue (69%)



- Cyan (34%)
- Magenta (0%)
- Yellow (40%)
- Black (27%)



- Cyan (51%)
- Magenta (27%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.0278, -31.1811, 24.7128 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 64.0278, -31.1811, 24.7128 by changing the saturation by 10% instead.

■ 64.0278, -31.1811,
24.7128

■ 64.0278, -31.1811,
24.7128

187.1656,
-51.6846, 44.2328

■ 53.2137, -28.6146,
22.2629

■ 87.5670, -36.0576,
29.3594

■ 43.0868, -25.9265,
19.6954

■ 100.2252,
-38.3990, 31.5885

■ 33.6990, -23.0789,
16.9751

■ 113.4405,
-40.6922, 33.7708

■ 25.1137, -20.0117,
14.0518

■ 127.1905,
-42.9458, 35.9151

■ 17.4144, -16.6262,
11.4627

141.4551,
-45.1668, 38.0283

■ 10.7181, -15.0765,
7.5027

156.2163,

■ 1.3881, -2.4292,

-47.3606, 40.1160

0.9717

171.4580,
-49.5320, 42.1829

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.0278, -31.1811,
24.7128

■ 64.0278, -31.1811,
24.7128

■ 62.8844, -36.3017,
28.2833

■ 65.3630, -25.3194,
20.4512

■ 61.9276, -40.6381,
31.1433

■ 66.8843, -18.7664,
15.5302

■ 61.1551, -44.1708,
33.2952

■ 68.5897, -11.5863,
9.9952

■ 60.5595, -46.9023,
34.7656


■ 70.4740, -3.8471,
3.8982


■ 60.1298, -48.8632,


■ 72.5308, 4.3823,


35.6106


-2.7051

 59.8474, -50.1393,
35.9999

 74.7528, 13.0346,
-9.7585

 77.1322, 22.0466,
-17.2073

 79.3887, 29.9895,
-21.2121

 80.0139, 31.8883,
-20.2415

Harmonies

Analogous

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



64.0292, -15.4696, 30.7665



64.0278, -31.1811, 24.7128



64.0292, -38.9890, 11.3373

Triad

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



64.0292, -31.1823, 24.7133



64.0292, -12.0224, -48.0242



64.0292, 40.9030, 14.2918

Complementary

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



64.0278, -31.1811, 24.7128



49.2864, 31.2544, -25.6415

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.



64.0292, 42.1466, -5.5073



64.0278, -31.1811, 24.7128



64.0292, 9.5925, -46.4227

Square

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



64.0292, -31.1823, 24.7133



64.0292, -28.9464, -32.8956



64.0292, 30.0642, -29.0519



64.0292, 26.8621, 26.2590

Rectangle

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



64.0278, -31.1811, 24.7128



64.0292, -39.4405, -1.9678



64.0292, 30.0642, -29.0519



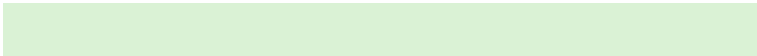
64.0292, 42.8923, 8.4973

Sweetspot

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



64.0292, -31.1823, 24.7133



91.2939, -17.5756, 14.9865



64.9633, -7.4793, 25.9080



42.6982, -8.8490, 7.4987



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



64.0292, -31.1823, 24.7133



84.3443, -47.7285, 37.2688



63.8697, -30.8106, 16.8460



32.7429, -5.2531, 4.5537



49.6973, -41.5274, 29.8963



9.9539, -7.7199, 5.9984

Inverse Universe

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



49.2864, 31.2544, -25.6415



60.9352, 51.9964, -43.4697



49.7623, 30.6099, -9.5298



31.0112, 2.0012, -1.2601



27.2819, 55.7820, -52.6098



5.5909, 11.3065, -9.8129

Previews

White Background



This preview shows how the HunterLab color 64.0278, -31.1811, 24.7128 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 64.0278, -31.1811, 24.7128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

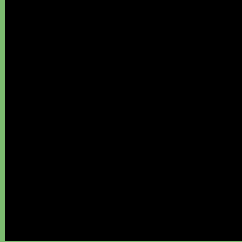
Any Text WCAG AA ✓ Pass

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 64.0278, -31.1811, 24.7128 Background



This preview shows how black text looks on a background with the HunterLab color 64.0278, -31.1811, 24.7128.



This preview shows how white text looks on a background with the HunterLab color 64.0278, -31.1811, 24.7128.

-31.1811, 24.7128.

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

64.0278, -31.1811, 24.7128

Protanopia

63.7225, -6.7095, 26.4608

Deuteranopia

63.4950, 4.7350, 23.4931



Tritanopia

64.0701, -12.0603, -6.8799

Trichromacy



Original Color

64.0278, -31.1811, 24.7128

Protanomaly

63.4929, -16.8396, 25.5810

Deuteranomaly

63.1323, -10.0346, 23.4936

Tritanomaly

63.7798, -19.7963, 6.7431

Monochromacy



Original Color

64.0278, -31.1811, 24.7128

Achromatopsia

59.2902, -3.1636, 3.2213

Achromatomaly

60.7747, -14.2336, 11.8482

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.0278, -31.1811, 24.7128 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(124, 187, 112)` looks like.

```
.text, #text, p{  
    color:rgb(124, 187, 112)  
}
```

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(124, 187, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 187, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 64.0278, -31.1811, 24.7128 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(124, 187, 112) }
```


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

```
.border{ border-color:rgb(124, 187, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 187, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 187, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 187, 112);  
box-shadow:4px 4px 4px 4px rgb(124, 187,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.0278, -31.1811, 24.7128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 187, 112) }
```

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

```
.background{ background-color: rgb(124,  
187, 112) }
```

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