

Converting Colors

HunterLab(31.0942, 30.2587,
-19.7785)

Have a look what the booklet for
HunterLab(31.0942, 30.2587,
-19.7785) contains.

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Color

**HunterLab(31.1406, 29.9852,
-19.8292)**

Conversions

Conversions Part 1

Format	Color
Hex	813E81
RGB	129, 62, 129
RGB Percent	51%, 24%, 51%
CMY	0.4941, 0.7568, 0.4941
CMYK	0.00, 0.52, 0.00, 0.49
HSL	300°, 35%, 37%
HSV	300°, 52%, 51%
XYZ	14.7384, 9.6974, 21.8639
YIQ	89.6710, 18.4250, 35.0410

Conversions

Conversions Part 2

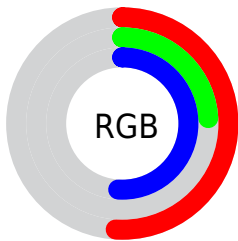
Format	Color
R_{YB}	129, 62, 129
Decimal	8470145
CIE Lab	37.29, 38.91, -25.23
CIE LCh	37, 46.370, 327.037
Yxy	9.6978, 0.3183, 0.2095
Android (android.graphics.Color)	4286660225 (0xFF813E81)
YUV	89.6710, 19.3892, 34.4915
Hunter-Lab	31.1406, 29.9852, -19.8292

Details

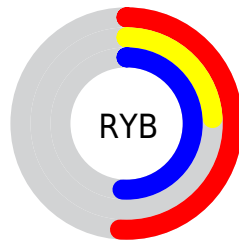
The HunterLab color $[31.1406, 29.9852, -19.8292]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[41.3193, -26.0553, 18.4643]$, and the grayscale version is $[31.7807, -1.6957, 1.7267]$.

A 20% lighter version of the original color is $[50.3766, 32.7239, -20.4717]$, and $[15.2894, 26.5916, -18.7981]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.0817, 35.7647, -23.7964]$, and if you desaturate by 10%, it is $[33.5727, 23.7937, -15.5747]$.

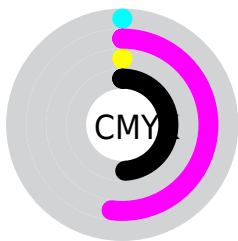
Distribution



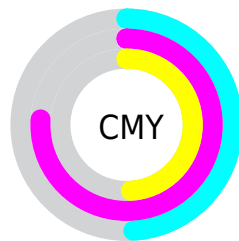
- Red (51%)
- Green (24%)
- Blue (51%)



- Red (51%)
- Yellow (24%)
- Blue (51%)



- Cyan (0%)
- Magenta (52%)
- Yellow (0%)
- Black (49%)















- Cyan (49%)
- Magenta (76%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.1406, 29.9852, -19.8292 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 31.1406, 29.9852, -19.8292 by changing the saturation by 10% instead.

 31.1406, 29.9852, -19.8292	 31.1406, 29.9852, -19.8292
 137.2958, 39.5152, -22.5482	 22.8014, 28.3719, -19.2979
 50.2250, 32.8342, -20.8218	 15.3770, 26.6681, -18.8477
 60.8468, 34.0778, -21.2409	 8.9864, 25.1111, -18.8204
 72.1269, 35.2118, -21.6007	0.0000, INF, -NF
 84.0289, 36.2449, -21.9011	0.0000, NaN, -NF
 96.5220, 37.1851, -22.1439	0.0000, NaN, NaN
 109.5793, 38.0395,	0.0000, NaN, NaN

-22.3310

0.0000, NaN, NaN

123.1775, 38.8144,
-22.4650

■ 31.1406, 29.9852,
-19.8292

■ 31.1406, 29.9852,
-19.8292

■ 29.0817, 35.7647,
-23.7964

■ 33.5727, 23.7937,
-15.5747

■ 27.4341, 40.8233,
-27.2661

■ 36.3310, 17.4363,
-11.2017

■ 26.2242, 44.8294,
-30.0122

■ 39.3727, 11.0743,
-6.8204

■ 25.4520, 47.5338,
-31.8651

■ 42.6587, 4.8029,
-2.4963

■ 25.0044, 49.1593,
-32.9786

■ 46.1553, -1.3304,
1.7377

■ 49.8344, -7.3089,
5.8697

■ 53.6726, -13.1335,
9.8999

■ 57.6508, -18.8144,
13.8349

■ 61.7531, -24.3663,
17.6845

Harmonies

Analogous

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



31.1413, 14.2556, -39.4258



31.1406, 29.9852, -19.8292



31.1413, 37.1626, 0.0803

Triad

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



31.1413, 29.9840, -19.8282



31.1413, 0.0080, 19.3453



31.1413, -25.3447, -15.5561

Complementary

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



31.1406, 29.9852, -19.8292



41.3193, -26.0553, 18.4643

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.



31.1413, -27.6070, 3.2278



31.1406, 29.9852, -19.8292



31.1413, -14.9133, 18.4449

Square

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



31.1413, 29.9840, -19.8282



31.1413, 17.7270, 17.9451



31.1413, -24.2178, 14.1244



31.1413, -17.2297, -36.1792

Rectangle

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



31.1406, 29.9852, -19.8292



31.1413, 35.2112, 9.3589



31.1413, -24.2178, 14.1244



31.1413, -26.7299, -8.6056

Sweetspot

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



31.1413, 29.9840, -19.8282



55.0961, 10.1325, -5.8961



24.6066, 12.5932, -34.6608



25.8612, 5.4925, -3.2684



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



31.1413, 29.9840, -19.8282



38.5457, 48.9603, -32.5990



29.9135, 24.4174, -2.8365



21.0058, 1.4639, -0.6164



24.6898, 48.5409, -32.5637

0.0000, NaN, NaN

Inverse Universe

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



31.1413, 29.9840, -19.8282



38.5457, 48.9603, -32.5990



41.9051, -22.5352, 9.9394



21.0058, 1.4639, -0.6164

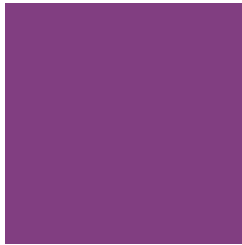


24.6898, 48.5409, -32.5637

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 31.1406, 29.9852, -19.8292 looks on a white 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

Black Background



This preview shows how the HunterLab color 31.1406, 29.9852, -19.8292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

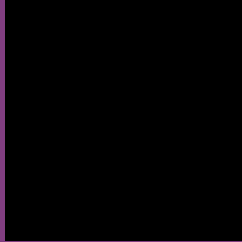
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 31.1406, 29.9852, -19.8292 Background



This preview shows how black text looks on a background with the HunterLab color 31.1406, 29.9852, -19.8292.



This preview shows how white text looks on a background with the HunterLab color 31.1406, 29.9852, -19.8292.

-19.8292.

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

31.1406, 29.9852, -19.8292

Protanopia

31.3842, 6.2604, -35.0619

Deuteranopia

31.2936, 2.3422, -17.4358



Tritanopia

31.1251, 14.7237, 4.9798

Trichromacy



Original Color

31.1406, 29.9852, -19.8292

Protanomaly

30.3960, 13.6012, -30.9498

Deuteranomaly

30.6399, 11.6844, -19.1108

Tritanomaly

31.0196, 19.6729, -2.6279

Monochromacy



Original Color

31.1406, 29.9852, -19.8292

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

31.1125, 9.1005, -5.6273

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.1406, 29.9852, -19.8292 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(129, 62, 129)` looks like.

```
.text, #text, p{  
    color:rgb(129, 62, 129)  
}
```

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(129, 62, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 62, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 31.1406, 29.9852, -19.8292 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(129, 62, 129) }
```


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

```
.border{ border-color:rgb(129, 62, 129) }
```

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

Here you see how a box with a 4 pixel rgb(129, 62, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 62, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 62, 129);  
box-shadow:4px 4px 4px 4px rgb(129, 62,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.1406, 29.9852, -19.8292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 62, 129) }
```

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

```
.background{ background-color: rgb(129, 62,  
129) }
```

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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