

Converting Colors

HunterLab(31.4868, -12.9192,
6.3684)

Have a look what the booklet for
HunterLab(31.4868, -12.9192,
6.3684) contains.

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Color

**HunterLab(31.4319,
-12.9144, 6.2446)**

Conversions

Conversions Part 1

Format	Color
Hex	3D604C
RGB	61, 96, 76
RGB Percent	24%, 38%, 30%
CMY	0.7608, 0.6235, 0.7020
CMYK	0.36, 0.00, 0.21, 0.62
HSL	146°, 22%, 31%
HSV	146°, 36%, 38%
XYZ	7.4118, 9.8796, 8.3538
YIQ	83.2550, -14.4400, -13.6400

Conversions

Conversions Part 2

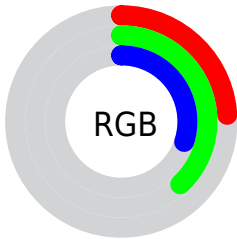
Format	Color
RYB	61, 86, 96
Decimal	4022348
CIELab	37.63, -17.53, 7.47
CIElCh	38, 19.057, 156.908
Yxy	9.8801, 0.2890, 0.3852
Android (android.graphics.Color)	4282212428 (0xFF3D604C)
YUV	83.2550, -3.5767, -19.5176
Hunter-Lab	31.4319, -12.9144, 6.2446

Details

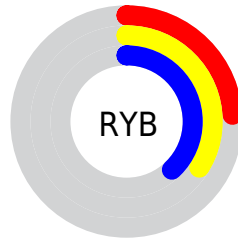
The HunterLab color **31.4319, -12.9144, 6.2446** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **25.3349, 11.8748, -2.3996**, and the grayscale version is **29.5207, -1.5751, 1.6039**.

A 20% lighter version of the original color is **50.6588, -16.1877, 8.2245**, and **15.4999, -9.2053, 4.1627** is the 20% darker color. If you saturate the color by 10%, you get **30.8692, -15.3343, 7.4596**, and if you desaturate by 10%, it is **32.0813, -10.2062, 5.0253**.

Distribution



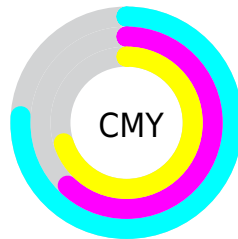
- Red (24%)
- Green (38%)
- Blue (30%)



- Red (24%)
- Yellow (34%)
- Blue (38%)



- Cyan (36%)
- Magenta (0%)
- Yellow (21%)
- Black (62%)



- Cyan (76%)
- Magenta (62%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.4319, -12.9144, 6.2446 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 31.4319, -12.9144, 6.2446 by changing the saturation by 10% instead.

■ 31.4319, -12.9144,
6.2446

■ 31.4319, -12.9144,
6.2446

137.7729,
-26.6577, 15.3123

■ 23.0640, -11.1868,
5.2676

■ 50.5664, -16.1465,
8.1858

■ 15.6074, -9.3261,
4.2656

■ 61.2107, -17.6957,
9.1641

■ 9.1885, -8.8040,
3.8720

■ 72.5120, -19.2182,
10.1530

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.4341, -20.7224,
11.1546

0.0000, NaN, NaN

■ 96.9463, -22.2144,
12.1705

0.0000, NaN, NaN

■ 110.0219,

0.0000, NaN, NaN

-23.6988, 13.2017

0.0000, NaN, NaN

123.6377,
-25.1790, 14.2488

■ 31.4319, -12.9144,
6.2446

■ 31.4319, -12.9144,
6.2446

■ 30.8692, -15.3343,
7.4596

■ 32.0813, -10.2062,
5.0253

■ 30.3910, -17.4460,
8.6563

■ 32.8147, -7.2313,
3.8125

■ 29.9964, -19.2379,
9.8218

■ 33.6312, -4.0163,
2.6170

■ 29.6824, -20.7062,
10.9424

■ 34.5286, -0.5885,
1.4477

■ 29.4446, -21.8570,
12.0051

■ 35.5041, 3.0246,
0.3119

■ 29.2628, -22.7647,
12.9858

■ 36.5545, 6.7966,
-0.7848

■ 29.2014, -23.0708,
13.3040

■ 37.6764, 10.7028,
-1.8382

■ 38.8663, 14.7209,
-2.8458

■ 40.1207, 18.8311,
-3.8061

Harmonies

Analogous

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



31.4325, -9.2140, 10.1810



31.4319, -12.9144, 6.2446



31.4325, -13.7304, 0.1642

Triad

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



31.4325, -12.9149, 6.2450



31.4325, -0.0767, -13.4675



31.4325, 9.5782, 8.3517

Complementary

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



31.4319, -12.9144, 6.2446



25.3349, 11.8748, -2.3996

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.



31.4325, 12.5161, 3.1829



31.4319, -12.9144, 6.2446



31.4325, 6.6406, -10.0660

Square

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



31.4325, -12.9149, 6.2450



31.4325, -6.6865, -12.1573



31.4325, 11.3975, -3.6187



31.4325, 3.6634, 11.2027

Rectangle

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



31.4319, -12.9144, 6.2446



31.4325, -12.5971, -4.5134



31.4325, 11.3975, -3.6187



31.4325, 10.9688, 6.8760

Sweetspot

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



31.4325, -12.9149, 6.2450



43.9705, -7.4277, 4.2314



32.3588, -9.9896, 11.6750



21.8630, -3.8869, 2.1777



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



31.4325, -12.9149, 6.2450



40.9334, -19.9562, 9.6936



31.8592, -10.4431, 0.1394



16.9482, -2.4429, 1.4731



34.4189, -27.2936, 15.8984



79.4465, -63.7497, 38.3161

Inverse Universe

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



25.3349, 11.8748, -2.3996



31.1131, 20.1728, -4.1278



24.8872, 9.6374, 3.9778



16.1607, 0.7332, 0.3457



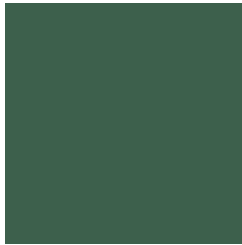
19.5688, 35.4104, -2.0706



45.0314, 81.1267, -1.9801

Previews

White Background



This preview shows how the HunterLab color 31.4319, -12.9144, 6.2446 looks on a white background.

Color Contrast Check

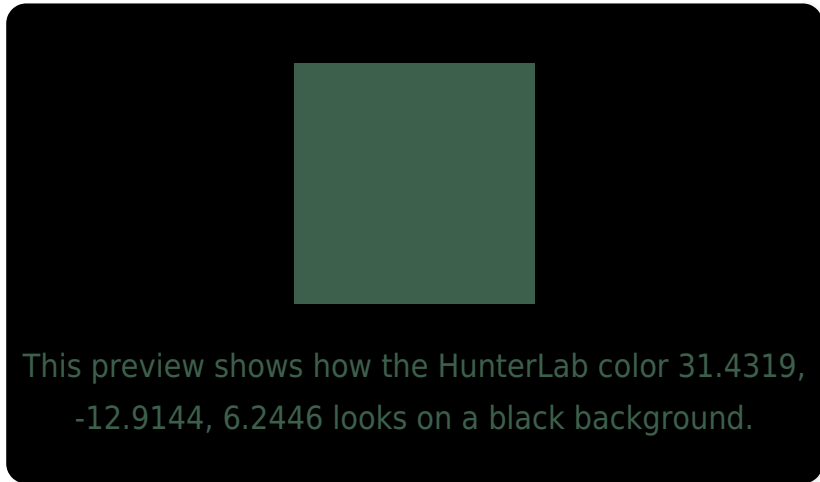
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

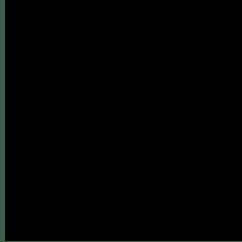
Any Text WCAG AA × Fail

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 31.4319, -12.9144, 6.2446 Background



This preview shows how black text looks on a background with the HunterLab color 31.4319, -12.9144, 6.2446.



This preview shows how white text looks on a background with the HunterLab color 31.4319,

-12.9144, 6.2446.

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

31.4319, -12.9144, 6.2446

Protanopia

31.2642, -2.3363, 7.5972

Deuteranopia

31.2352, 1.7950, 5.5969



Tritanopia

31.4755, -7.0970, -3.4401

Trichromacy



Original Color

31.4319, -12.9144, 6.2446

Protanomaly

31.1649, -6.7876, 7.0930

Deuteranomaly

31.0790, -4.1349, 5.6839

Tritanomaly

31.3859, -9.3965, 0.4782

Monochromacy



Original Color

31.4319, -12.9144, 6.2446

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

30.0907, -6.1552, 3.4800

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.4319, -12.9144, 6.2446 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(61, 96, 76)` looks like.

```
.text, #text, p{  
    color:rgb(61, 96, 76)  
}
```

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(61, 96, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 96, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 31.4319, -12.9144, 6.2446 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(61, 96, 76) }
```


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

```
.border{ border-color:rgb(61, 96, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 96, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 96, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 96, 76);  
box-shadow:4px 4px 4px 4px rgb(61, 96, 76)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.4319, -12.9144, 6.2446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 96, 76) }
```

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

```
.background{ background-color: rgb(61, 96,  
76) }
```

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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