

Converting Colors

HunterLab(31.2388, -11.5837,
12.5004)

Have a look what the booklet for
HunterLab(31.2388, -11.5837,
12.5004) contains.

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Color

**HunterLab(31.2532,
-11.4564, 12.4366)**

Conversions

Conversions Part 1

Format	Color
Hex	4B5E36
RGB	75, 94, 54
RGB Percent	29%, 37%, 21%
CMY	0.7059, 0.6314, 0.7882
CMYK	0.20, 0.00, 0.43, 0.63
HSL	89°, 27%, 29%
HSV	89°, 43%, 37%
XYZ	7.5702, 9.7676, 4.9764
YIQ	83.7590, 1.5160, -16.4680

Conversions

Conversions Part 2

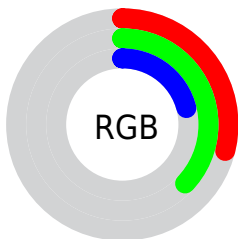
Format	Color
RYB	54, 94, 73
Decimal	4939318
CIELab	37.42, -15.14, 20.60
CIElCh	37, 25.567, 126.318
Yxy	9.7681, 0.3393, 0.4377
Android (android.graphics.Color)	4283129398 (0xFF4B5E36)
YUV	83.7590, -14.6712, -7.6816
Hunter-Lab	31.2532, -11.4564, 12.4366

Details


The HunterLab color $[31.2532, -11.4564, 12.4366]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[22.0528, 10.6822, -14.6966]$, and the grayscale version is $[29.7392, -1.5868, 1.6158]$.

A 20% lighter version of the original color is $[50.2455, -14.1086, 16.1859]$, and $[15.5301, -8.2455, 8.3289]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.8453, -13.2769, 14.0793]$, and if you desaturate by 10%, it is $[31.7041, -9.4572, 10.4656]$.

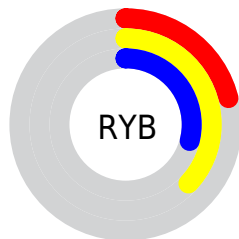
Distribution



 Red (29%)

 Green (37%)

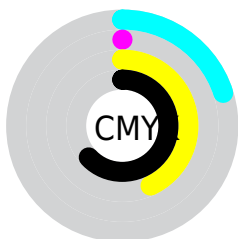
 Blue (21%)




 Red (21%)

 Yellow (37%)

 Blue (29%)

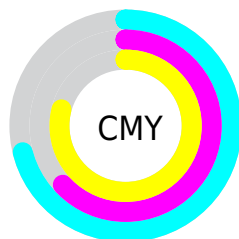



 Cyan (20%)


 Magenta (0%)

 Yellow (43%)

 Black (63%)



 Cyan (71%)

 Magenta (63%)

 Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2532, -11.4564, 12.4366 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 31.2532, -11.4564, 12.4366 by changing the saturation by 10% instead.

■ 31.2532, -11.4564,
12.4366

■ 31.2532, -11.4564,
12.4366

■ 137.4804,
-24.0663, 27.8683

■ 22.9029, -9.9118,
10.4014

■ 50.3570, -14.3756,
16.1692

■ 15.4660, -8.2609,
8.2964

■ 60.9875, -15.7865,
17.9295

■ 9.0651, -7.7630,
6.3456

■ 72.2758, -17.1798,
19.6444

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.1856, -18.5624,
21.3262

0.0000, NaN, NaN

■ 96.6861, -19.9390,
22.9836

0.0000, NaN, NaN

■ 109.7505,

0.0000, NaN, NaN

-21.3135, 24.6232

0.0000, NaN, NaN

123.3555,
-22.6885, 26.2501

■ 31.2532, -11.4564,
12.4366

■ 31.2532, -11.4564,
12.4366

■ 30.8453, -13.2769,
14.0793

■ 31.7041, -9.4572,
10.4656

■ 30.4779, -14.9122,
15.3955

■ 32.1961, -7.2833,
8.1672

■ 30.1511, -16.3613,
16.3937

■ 32.7295, -4.9434,
5.5475

■ 29.8637, -17.6255,
17.0886

■ 33.3040, -2.4467,
2.6152

■ 29.6129, -18.7160,
17.5172

■ 33.9189, 0.1971,
-0.6182

■ 29.4406, -19.4695,
17.8003

■ 34.5733, 2.9775,
-4.1396

■ 35.2664, 5.8839,
-7.9346

■ 35.9970, 8.9059,
-11.9876

■ 36.7642, 12.0331,
-16.2831

Harmonies

Analogous

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



31.2539, -3.5893, 14.2172



31.2532, -11.4564, 12.4366



31.2539, -16.2552, 7.7253

Triad

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



31.2539, -11.4572, 12.4369



31.2539, -8.4518, -17.9281



31.2539, 17.8941, 3.4942

Complementary

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



31.2532, -11.4564, 12.4366



22.0528, 10.6822, -14.6966

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.



31.2539, 16.2059, -5.8277



31.2532, -11.4564, 12.4366



31.2539, 0.2982, -20.0291

Square

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



31.2539, -11.4572, 12.4369



31.2539, -14.6653, -9.9753



31.2539, 9.4943, -15.0900



31.2539, 13.8730, 10.1059

Rectangle

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



31.2532, -11.4564, 12.4366



31.2539, -17.4142, 2.7611



31.2539, 9.4943, -15.0900



31.2539, 17.9814, 0.6029

Sweetspot

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



31.2539, -11.4572, 12.4369



43.2462, -6.8128, 7.6516



27.1437, 2.7601, 9.1505



21.1143, -3.5761, 4.0202



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



31.2539, -11.4572, 12.4369



40.8135, -17.5753, 18.6360



30.1561, -15.7027, 11.4451



16.2411, -1.9844, 2.2107



34.5875, -23.0719, 20.9087



80.6085, -55.3420, 48.7017

Inverse Universe

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



22.0528, 10.6822, -14.6966



26.0757, 18.2550, -25.7741



23.9929, 16.1947, -11.1023



15.2582, 0.3433, -0.5957



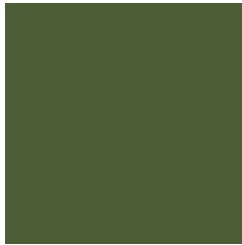
13.6036, 31.5161, -54.9256



31.0018, 72.8421, -133.0698

Previews

White Background



This preview shows how the HunterLab color 31.2532, -11.4564, 12.4366 looks on a white background.

Color Contrast Check

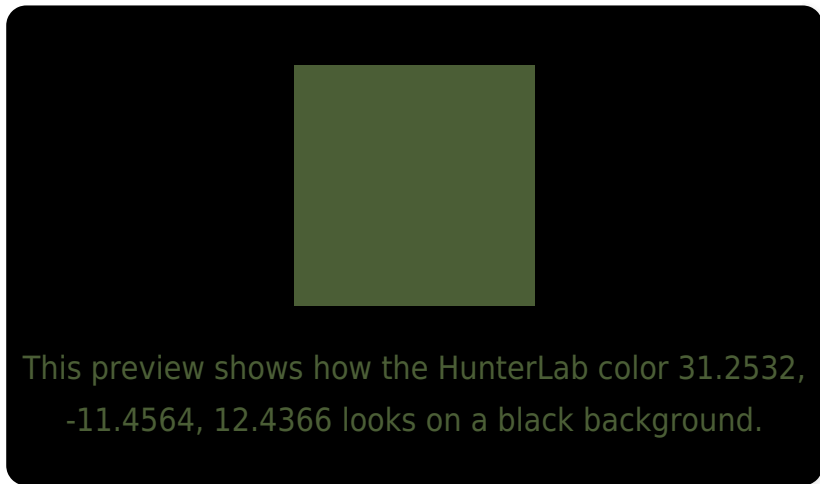
Large Text (above 18pt) WCAG AA ✓ Pass

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

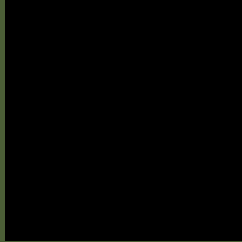
Any Text WCAG AA × Fail

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 31.2532, -11.4564, 12.4366 Background



This preview shows how black text looks on a background with the HunterLab color 31.2532, -11.4564, 12.4366.



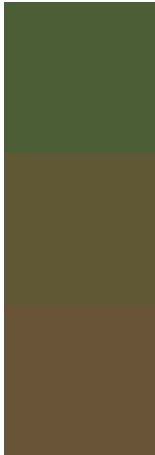
This preview shows how white text looks on a background with the HunterLab color 31.2532, -11.4564, 12.4366.

-11.4564, 12.4366.

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

31.2532, -11.4564, 12.4366

Protanopia

31.1676, -3.3806, 12.9659

Deuteranopia

31.1293, 1.8788, 12.0887



Tritanopia

31.2068, -2.6919, -1.8427

Trichromacy



Original Color

31.2532, -11.4564, 12.4366

Protanomaly

31.0549, -6.5049, 12.5915

Deuteranomaly

31.1258, -3.4385, 12.2345

Tritanomaly

31.2066, -6.2738, 4.3295

Monochromacy



Original Color

31.2532, -11.4564, 12.4366

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

30.3477, -5.5499, 6.2882

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2532, -11.4564, 12.4366 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(75, 94, 54)` looks like.

```
.text, #text, p{  
    color:rgb(75, 94, 54)  
}
```

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(75, 94, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 94, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2532, -11.4564, 12.4366 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(75, 94, 54) }
```


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

```
.border{ border-color:rgb(75, 94, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 94, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 94, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 94, 54);  
box-shadow:4px 4px 4px 4px rgb(75, 94, 54)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.2532, -11.4564, 12.4366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 94, 54) }
```

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

```
.background{ background-color: rgb(75, 94,  
54) }
```

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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