

Converting Colors

HunterLab(31.3812, -16.9742,
11.5923)

Have a look what the booklet for
HunterLab(31.3812, -16.9742,
11.5923) contains.

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Color

**HunterLab(31.3451,
-16.9687, 11.4459)**

Conversions

Conversions Part 1

Format	Color
Hex	36623A
RGB	54, 98, 58
RGB Percent	21%, 38%, 23%
CMY	0.7882, 0.6157, 0.7725
CMYK	0.45, 0.00, 0.41, 0.62
HSL	125°, 29%, 30%
HSV	125°, 45%, 38%
XYZ	6.6528, 9.8252, 5.5488
YIQ	80.2840, -13.3840, -21.7680

Conversions

Conversions Part 2

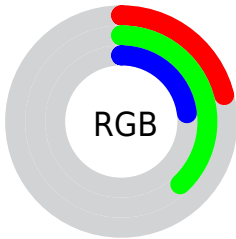
Format	Color
RYB	54, 94, 98
Decimal	3564090
CIELab	37.53, -24.66, 18.14
CIElCh	38, 30.613, 143.665
Yxy	9.8256, 0.3020, 0.4461
Android (android.graphics.Color)	4281754170 (0xFF36623A)
YUV	80.2840, -10.9860, -23.0511
Hunter-Lab	31.3451, -16.9687, 11.4459

Details

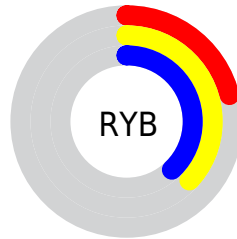
The HunterLab color $[31.3451, -16.9687, 11.4459]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[24.5833, 17.8042, -10.0814]$, and the grayscale version is $[28.4684, -1.5190, 1.5467]$.

A 20% lighter version of the original color is $[50.4173, -21.1654, 14.6610]$, and $[15.5819, -12.1455, 7.6692]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.8192, -19.3473, 13.0423]$, and if you desaturate by 10%, it is $[31.9739, -14.1971, 9.6329]$.

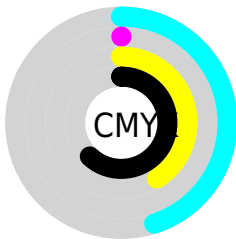
Distribution



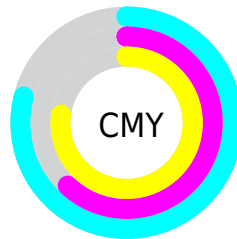
- Red (21%)
- Green (38%)
- Blue (23%)



- Red (21%)
- Yellow (37%)
- Blue (38%)



- Cyan (45%)
- Magenta (0%)
- Yellow (41%)
- Black (62%)



- Cyan (79%)
- Magenta (62%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.3451, -16.9687, 11.4459 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 31.3451, -16.9687, 11.4459 by changing the saturation by 10% instead.

■ 31.3451, -16.9687,
11.4459

■ 31.3451, -16.9687,
11.4459

137.6309,
-34.1764, 25.6319

■ 22.9858, -14.6726,
9.6195

■ 50.4647, -21.1668,
14.8253

■ 15.5387, -12.1540,
7.6541

■ 61.1023, -23.1398,
16.4319

■ 9.1288, -12.2591,
6.3901

■ 72.3973, -25.0572,
18.0046

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.3134, -26.9324,
19.5534

0.0000, NaN, NaN

■ 96.8199, -28.7753,
21.0857

0.0000, NaN, NaN

■ 109.8901,

0.0000, NaN, NaN

-30.5933, 22.6069

0.0000, NaN, NaN

123.5006,
-32.3922, 24.1212

■ 31.3451, -16.9687,
11.4459

■ 31.3451, -16.9687,
11.4459

■ 30.8192, -19.3473,
13.0423

■ 31.9739, -14.1971,
9.6329

■ 30.3927, -21.3139,
14.4066

■ 32.7034, -11.0575,
7.6216

■ 30.0629, -22.8633,
15.5303

■ 33.5331, -7.5830,
5.4341

■ 29.8245, -24.0034,
16.4116

■ 34.4603, -3.8102,
3.0939

■ 29.6619, -24.7915,
17.0513

■ 35.4819, 0.2231,
0.6241

■ 29.5894, -25.1373,
17.2801

■ 36.5939, 4.4797,
-1.9530

■ 37.7921, 8.9247,
-4.6168

■ 39.0719, 13.5258,
-7.3489

■ 40.4287, 18.2546,
-10.1335

Harmonies

Analogous

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



31.3458, -9.7266, 15.1139



31.3451, -16.9687, 11.4459



31.3458, -20.0610, 3.8478

Triad

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



31.3458, -16.9692, 11.4462



31.3458, -3.9758, -25.6313



31.3458, 20.1658, 8.7607

Complementary

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



31.3451, -16.9687, 11.4459



24.5833, 17.8042, -10.0814

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.



31.3458, 22.2616, -0.5979



31.3451, -16.9687, 11.4459



31.3458, 7.2833, -22.9083

Square

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



31.3458, -16.9692, 11.4462



31.3458, -13.2564, -19.2364



31.3458, 17.2662, -12.7235



31.3458, 11.8800, 13.9795

Rectangle

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



31.3451, -16.9687, 11.4459



31.3458, -19.7056, -3.4337



31.3458, 17.2662, -12.7235



31.3458, 21.6610, 6.1005

Sweetspot

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



31.3458, -16.9692, 11.4462



44.5672, -9.3078, 6.7378



33.7633, -7.8865, 14.5378



21.6365, -4.9158, 3.5208



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.



31.3458, -16.9692, 11.4462



40.7529, -25.8150, 17.4040



31.7716, -14.4469, 5.2814



16.9111, -2.6497, 2.0041



34.1392, -29.0406, 20.0193



78.8675, -67.3703, 46.8556

Inverse Universe

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



24.5833, 17.8042, -10.0814



30.0482, 29.6258, -16.8114



23.8903, 14.5065, -0.3828



16.2016, 0.9534, -0.2368



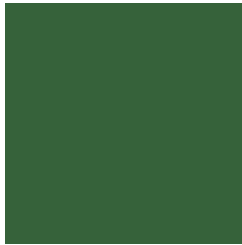
21.0171, 40.5567, -21.8005



48.5077, 93.4960, -49.4695

Previews

White Background



This preview shows how the HunterLab color 31.3451, -16.9687, 11.4459 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 31.3451, -16.9687, 11.4459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

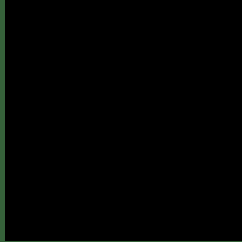
Any Text WCAG AA × Fail

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 31.3451, -16.9687, 11.4459 Background



This preview shows how black text looks on a background with the HunterLab color 31.3451, -16.9687, 11.4459.



This preview shows how white text looks on a background with the HunterLab color 31.3451,

-16.9687, 11.4459.

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

31.3451, -16.9687, 11.4459

Protanopia

31.1971, -3.2173, 12.5344

Deuteranopia

31.1140, 1.9926, 10.7943



Tritanopia

31.3138, -7.6886, -3.6673

Trichromacy



Original Color

31.3451, -16.9687, 11.4459

Protanomaly

31.1118, -9.0627, 12.1243

Deuteranomaly

30.7399, -6.0298, 10.5909

Tritanomaly

31.3065, -11.4798, 2.8135

Monochromacy



Original Color

31.3451, -16.9687, 11.4459

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

29.3664, -7.7702, 5.5813

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.3451, -16.9687, 11.4459 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(54, 98, 58)` looks like.

```
.text, #text, p{  
    color:rgb(54, 98, 58)  
}
```

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(54, 98, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 98, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 31.3451, -16.9687, 11.4459 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(54, 98, 58) }
```


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

```
.border{ border-color:rgb(54, 98, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 98, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 98, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 98, 58);  
box-shadow:4px 4px 4px 4px rgb(54, 98, 58)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.3451, -16.9687, 11.4459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 98, 58) }
```

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

```
.background{ background-color: rgb(54, 98,  
58) }
```

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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