

Converting Colors

HunterLab(31.7050, -18.4322,
16.8118)

Have a look what the booklet for
HunterLab(31.7050, -18.4322,
16.8118) contains.

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Color

**HunterLab(31.5475,
-18.3577, 16.6817)**

Conversions

Conversions Part 1

Format	Color
Hex	3B631F
RGB	59, 99, 31
RGB Percent	23%, 39%, 12%
CMY	0.7686, 0.6118, 0.8784
CMYK	0.40, 0.00, 0.69, 0.61
HSL	95°, 52%, 25%
HSV	95°, 69%, 39%
XYZ	6.5128, 9.9524, 2.8741
YIQ	79.2880, -2.0120, -29.6280

Conversions

Conversions Part 2

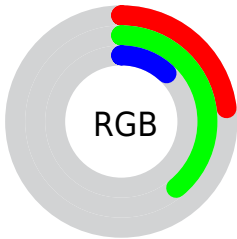
Format	Color
R_{YB}	31, 99, 71
Decimal	3891999
CIE Lab	37.76, -27.11, 33.13
CIE LCh	38, 42.811, 129.287
Yxy	9.9529, 0.3368, 0.5146
Android (android.graphics.Color)	4282082079 (0xFF3B631F)
YUV	79.2880, -23.8060, -17.7926
Hunter-Lab	31.5475, -18.3577, 16.6817

Details

The HunterLab color **31.5475, -18.3577, 16.6817** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **17.9465, 21.7181, -27.5614**, and the grayscale version is **28.1503, -1.5020, 1.5295**.

A 20% lighter version of the original color is **50.6875, -22.6804, 22.1838**, and **15.8761, -12.5692, 9.5627** is the 20% darker color. If you saturate the color by 10%, you get **31.2095, -19.8663, 17.5261**, and if you desaturate by 10%, it is **31.9396, -16.6117, 15.5125**.

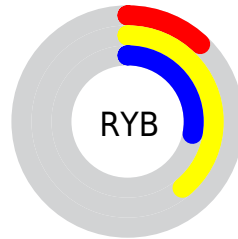
Distribution



Red (23%)

Green (39%)

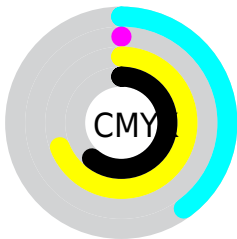
Blue (12%)



Red (12%)

Yellow (39%)

Blue (28%)

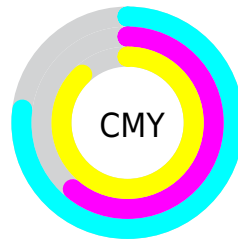


Cyan (40%)

Magenta (0%)

Yellow (69%)

Black (61%)



Cyan (77%)

Magenta (61%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.5475, -18.3577, 16.6817 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 31.5475, -18.3577, 16.6817 by changing the saturation by 10% instead.

■ 31.5475, -18.3577,
16.6817

■ 31.5475, -18.3577,
16.6817

137.9621,
-36.7638, 38.6667

■ 23.1684, -15.8665,
13.5799

■ 50.7019, -22.8892,
22.2578

■ 15.6990, -13.1236,
10.9893

■ 61.3551, -25.0087,
24.8270

■ 9.2673, -13.2412,
6.4871

■ 72.6647, -27.0628,
27.2929

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.5948, -29.0664,
29.6769

0.0000, NaN, NaN

■ 97.1146, -31.0308,
31.9950

0.0000, NaN, NaN

■ 110.1974,

0.0000, NaN, NaN

-32.9644, 34.2599

0.0000, NaN, NaN

123.8201,
-34.8737, 36.4812

31.5475, -18.3577,
16.6817

31.5475, -18.3577,
16.6817

31.2095, -19.8663,
17.5261

31.9396, -16.6117,
15.5125

30.9217, -21.1382,
18.0648

32.3848, -14.6286,
14.0069

30.6746, -22.2290,
18.4402

32.8843, -12.4152,
12.1612

30.6442, -22.3646,
18.4913

33.4382, -9.9808,
9.9777

34.0461, -7.3373,
7.4634

■ 34.7073, -4.4981,
4.6293

■ 35.4207, -1.4779,
1.4895

■ 36.1851, 1.7083,
-1.9399

■ 36.9991, 5.0451,
-5.6412

Harmonies

Analogous

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



31.5482, -6.3314, 18.8020



31.5475, -18.3577, 16.6817



31.5482, -24.9152, 10.1569

Triad

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



31.5482, -18.3584, 16.6819



31.5482, -11.5071, -37.7270



31.5482, 33.2559, 5.9406

Complementary

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



31.5475, -18.3577, 16.6817



17.9465, 21.7181, -27.5614

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.



31.5482, 31.1362, -9.9836



31.5475, -18.3577, 16.6817



31.5482, 3.2468, -40.7590

Square

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



31.5482, -18.3584, 16.6819



31.5482, -21.5198, -21.8887



31.5482, 19.3837, -28.8649



31.5482, 24.7167, 14.8703

Rectangle

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



31.5475, -18.3577, 16.6817



31.5482, -26.2068, 2.0664



31.5482, 19.3837, -28.8649



31.5482, 33.7974, 1.3641

Sweetspot

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



31.5482, -18.3584, 16.6819



44.3517, -10.6460, 10.7785



26.8630, 3.6595, 13.7554



21.5527, -5.4963, 5.5477



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.



31.5482, -18.3584, 16.6819



40.6547, -26.9987, 23.4002



30.5728, -22.2315, 15.1079



17.0335, -2.2326, 2.2974



34.9542, -25.6689, 21.0892



80.4854, -60.6012, 48.5338

Inverse Universe

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



17.9465, 21.7181, -27.5614



20.1544, 34.3936, -46.5499



21.0456, 27.8559, -15.9392



16.0645, 0.5125, -0.5932



15.2732, 33.8443, -49.7308



34.5498, 77.3247, -118.4261

Previews

White Background



This preview shows how the HunterLab color 31.5475, -18.3577, 16.6817 looks on a white background.

Color Contrast Check

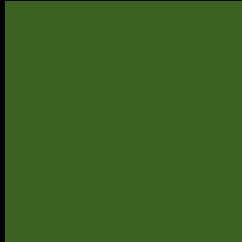
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.5475, -18.3577, 16.6817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

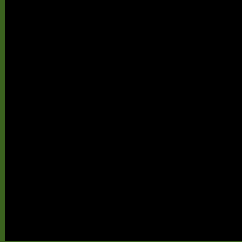
Any Text WCAG AA × Fail

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 31.5475, -18.3577, 16.6817 Background



This preview shows how black text looks on a background with the HunterLab color 31.5475, -18.3577, 16.6817.



This preview shows how white text looks on a background with the HunterLab color 31.5475,

-18.3577, 16.6817.

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

31.5475, -18.3577, 16.6817

Protanopia

31.4344, -4.3152, 17.2221

Deuteranopia

31.2778, 1.8717, 16.1421



Tritanopia

31.4269, -5.8482, -3.4833

Trichromacy



Original Color

31.5475, -18.3577, 16.6817

Protanomaly

31.3085, -10.3636, 16.9095

Deuteranomaly

30.7967, -6.5086, 15.9493

Tritanomaly

31.3858, -11.6507, 6.5610

Monochromacy



Original Color

31.5475, -18.3577, 16.6817

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

28.9501, -8.3052, 8.3599

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.5475, -18.3577, 16.6817 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(59, 99, 31)` looks like.

```
.text, #text, p{  
    color:rgb(59, 99, 31)  
}
```

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(59, 99, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 99, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 31.5475, -18.3577, 16.6817 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(59, 99, 31) }
```


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

```
.border{ border-color:rgb(59, 99, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 99, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 99, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 99, 31);  
box-shadow:4px 4px 4px 4px rgb(59, 99, 31)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.5475, -18.3577, 16.6817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 99, 31) }
```

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

```
.background{ background-color: rgb(59, 99,  
31) }
```

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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