

Converting Colors

HunterLab(31.8342, -17.1862,
17.1479)

Have a look what the booklet for
HunterLab(31.8342, -17.1862,
17.1479) contains.

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Color

**HunterLab(31.8374,
-17.2340, 17.1516)**

Conversions

Conversions Part 1

Format	Color
Hex	41631D
RGB	65, 99, 29
RGB Percent	25%, 39%, 11%
CMY	0.7451, 0.6118, 0.8863
CMYK	0.34, 0.00, 0.71, 0.61
HSL	89°, 55%, 25%
HSV	89°, 71%, 39%
XYZ	6.8636, 10.1362, 2.7572
YIQ	80.8540, 2.2060, -28.9780

Conversions

Conversions Part 2

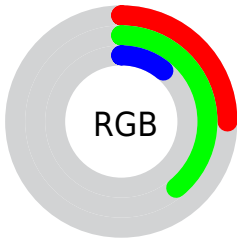
Format	Color
RYB	29, 99, 63
Decimal	4285213
CIELab	38.09, -24.92, 34.52
CIElCh	38, 42.574, 125.821
Yxy	10.1366, 0.3474, 0.5130
Android (android.graphics.Color)	4282475293 (0xFF41631D)
YUV	80.8540, -25.5640, -13.9040
Hunter-Lab	31.8374, -17.2340, 17.1516

Details

The HunterLab color **31.8374, -17.2340, 17.1516** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **16.8425, 20.7813, -30.8146**, and the grayscale version is **28.7218, -1.5325, 1.5605**.

A 20% lighter version of the original color is **51.0505, -21.3364, 22.9291**, and **16.0473, -11.8520, 9.6808** is the 20% darker color. If you saturate the color by 10%, you get **31.5247, -18.6158, 17.9321**, and if you desaturate by 10%, it is **32.1946, -15.6520, 16.0448**.

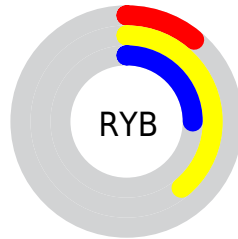
Distribution



Red (25%)

Green (39%)

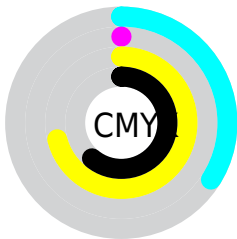
Blue (11%)



Red (11%)

Yellow (39%)

Blue (25%)

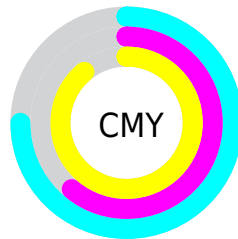


Cyan (34%)

Magenta (0%)

Yellow (71%)

Black (61%)



Cyan (75%)

Magenta (61%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.8374, -17.2340, 17.1516 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 31.8374, -17.2340, 17.1516 by changing the saturation by 10% instead.

■ 31.8374, -17.2340,
17.1516

■ 31.8374, -17.2340,
17.1516

138.4357,
-34.5432, 39.8541

■ 23.4300, -14.9273,
13.9410

■ 51.0414, -21.4558,
22.9238

■ 15.9290, -12.4001,
11.1503

■ 61.7167, -23.4406,
25.5812

■ 9.4618, -11.9808,
6.6233

■ 73.0473, -25.3696,
28.1296

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.9973, -27.2563,
30.5912

0.0000, NaN, NaN

■ 97.5360, -29.1103,
32.9828

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.6369,

-30.9391, 35.3173

0.0000, NaN, NaN

124.2770,
-32.7486, 37.6050

31.8374, -17.2340,
17.1516

31.8374, -17.2340,
17.1516

31.5247, -18.6158,
17.9321

32.1946, -15.6520,
16.0448

31.2527, -19.8006,
18.4098

32.5955, -13.8670,
14.5966

31.0252, -20.7930,
18.7536

33.0416, -11.8823,
12.7996

33.5330, -9.7032,
10.6518

34.0698, -7.3371,
8.1565

■ 34.6517, -4.7933,
5.3206

■ 35.2781, -2.0820,
2.1546

■ 35.9482, 0.7856,
-1.3288

■ 36.6612, 3.7979,
-5.1146

Harmonies

Analogous

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



31.8381, -4.6467, 18.9445



31.8374, -17.2340, 17.1516



31.8381, -24.4493, 11.2415

Triad

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



31.8381, -17.2347, 17.1518



31.8381, -12.9372, -36.1287



31.8381, 33.4119, 4.4580

Complementary

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



31.8374, -17.2340, 17.1516



16.8425, 20.7813, -30.8146

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.



31.8381, 30.0432, -12.0875



31.8374, -17.2340, 17.1516



31.8381, 1.3568, -40.9178

Square

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



31.8381, -17.2347, 17.1518



31.8381, -22.3179, -19.5365



31.8381, 17.5358, -30.5853



31.8381, 26.0230, 14.1984

Rectangle

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



31.8374, -17.2340, 17.1516



31.8381, -26.1654, 3.7169



31.8381, 17.5358, -30.5853



31.8381, 33.5152, -0.3873

Sweetspot

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



31.8381, -17.2347, 17.1518



44.5568, -9.8963, 10.9933



25.0566, 6.9872, 12.8112



21.6599, -5.1028, 5.6584



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.



31.8381, -17.2347, 17.1518



41.0436, -25.4517, 23.9472



30.4818, -22.7503, 16.1232



17.0672, -2.1128, 2.3364



35.3879, -23.8777, 21.3879



81.4704, -56.5153, 49.2123

Inverse Universe

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



16.8425, 20.7813, -30.8146



18.3962, 33.3384, -53.3453



20.8981, 29.2912, -20.1018



16.0284, 0.3898, -0.6413



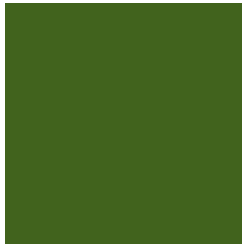
14.0447, 32.4129, -55.7379



31.6486, 74.0208, -133.2035

Previews

White Background



This preview shows how the HunterLab color 31.8374, -17.2340, 17.1516 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 × Fail

Black Background



This preview shows how the HunterLab color 31.8374, -17.2340, 17.1516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

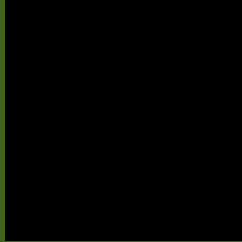
Any Text WCAG AA × Fail

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 31.8374, -17.2340, 17.1516 Background



This preview shows how black text looks on a background with the HunterLab color 31.8374, -17.2340, 17.1516.



This preview shows how white text looks on a background with the HunterLab color 31.8374,

-17.2340, 17.1516.

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

31.8374, -17.2340, 17.1516

Protanopia

31.7817, -4.4550, 17.5714

Deuteranopia

31.6101, 1.6754, 16.6688



Tritanopia

31.7337, -4.7460, -3.0551

Trichromacy



Original Color

31.8374, -17.2340, 17.1516

Protanomaly

31.5258, -9.5658, 17.1925

Deuteranomaly

31.2990, -6.1094, 16.5908

Tritanomaly

31.6519, -10.6880, 7.1811

Monochromacy



Original Color

31.8374, -17.2340, 17.1516

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

29.7037, -8.3483, 9.0603

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.8374, -17.2340, 17.1516 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(65, 99, 29)` looks like.

```
.text, #text, p{  
    color:rgb(65, 99, 29)  
}
```

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(65, 99, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 99, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 31.8374, -17.2340, 17.1516 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(65, 99, 29) }
```


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

```
.border{ border-color:rgb(65, 99, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 99, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 99, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 99, 29);  
box-shadow:4px 4px 4px 4px rgb(65, 99, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.8374, -17.2340, 17.1516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 99, 29) }
```

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

```
.background{ background-color: rgb(65, 99,  
29) }
```

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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