

Converting Colors

HunterLab(31.7648, -17.5230,
17.0132)

Have a look what the booklet for
HunterLab(31.7648, -17.5230,
17.0132) contains.

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Color

**HunterLab(31.7398,
-17.6058, 16.9553)**

Conversions

Conversions Part 1

Format	Color
Hex	3F631E
RGB	63, 99, 30
RGB Percent	25%, 39%, 12%
CMY	0.7529, 0.6118, 0.8823
CMYK	0.36, 0.00, 0.70, 0.61
HSL	91°, 53%, 25%
HSV	91°, 70%, 39%
XYZ	6.7461, 10.0741, 2.8172
YIQ	80.3700, 0.6930, -29.0910

Conversions

Conversions Part 2

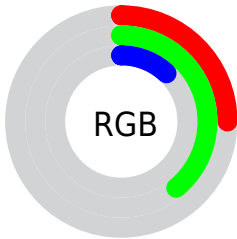
Format	Color
R_{YB}	30, 99, 66
Decimal	4154142
CIE _{Lab}	37.98, -25.63, 33.91
CIE _{LCh}	38, 42.507, 127.091
Yxy	10.0746, 0.3435, 0.5130
Android (android.graphics.Color)	4282344222 (0xFF3F631E)
YUV	80.3700, -24.8324, -15.2335
Hunter-Lab	31.7398, -17.6058, 16.9553

Details

The HunterLab color **31.7398, -17.6058, 16.9553** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **17.2856, 21.0068, -29.4721**, and the grayscale version is **28.5443, -1.5231, 1.5509**.

A 20% lighter version of the original color is **50.9315, -21.7664, 22.6121**, and **15.9923, -12.0813, 9.6429** is the 20% darker color. If you saturate the color by 10%, you get **31.4158, -19.0427, 17.7669**, and if you desaturate by 10%, it is **32.1116, -15.9564, 15.8172**.

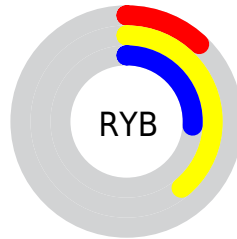
Distribution



Red (25%)

Green (39%)

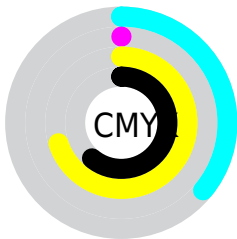
Blue (12%)



Red (12%)

Yellow (39%)

Blue (26%)

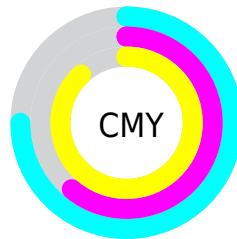


Cyan (36%)

Magenta (0%)

Yellow (70%)

Black (61%)



Cyan (75%)

Magenta (61%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.7398, -17.6058, 16.9553 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 31.7398, -17.6058, 16.9553 by changing the saturation by 10% instead.

■ 31.7398, -17.6058,
16.9553

■ 31.7398, -17.6058,
16.9553

138.2764,
-35.2733, 39.3370

■ 23.3419, -15.2389,
13.7937

■ 50.9271, -21.9286,
22.6395

■ 15.8515, -12.6415,
11.0961

■ 61.5950, -23.9574,
25.2574

■ 9.3967, -12.3894,
6.5777

■ 72.9186, -25.9273,
27.7689

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.8618, -27.8521,
30.1958

0.0000, NaN, NaN

■ 97.3942, -29.7422,
32.5546

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.4891,

-31.6053, 34.8581

0.0000, NaN, NaN

124.1233,
-33.4474, 37.1162

31.7398, -17.6058,
16.9553

31.7398, -17.6058,
16.9553

31.4158, -19.0427,
17.7669

32.1116, -15.9564,
15.8172

31.1358, -20.2690,
18.2731

32.5301, -14.0928,
14.3390

30.8887, -21.3511,
18.6431

32.9969, -12.0197,
12.5146

30.8815, -21.3828,
18.6547

33.5120, -9.7438,
10.3439

34.0753, -7.2740,
7.8314

■ 34.6864, -4.6210,
4.9856

■ 35.3446, -1.7965,
1.8183

■ 36.0488, 1.1869,
-1.6564

■ 36.7979, 4.3165,
-5.4227

Harmonies

Analogous

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



31.7405, -5.2573, 18.8695



31.7398, -17.6058, 16.9553



31.7405, -24.5643, 10.8293

Triad

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



31.7405, -17.6065, 16.9555



31.7405, -12.3871, -36.5426



31.7405, 33.2262, 5.0020

Complementary

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



31.7398, -17.6058, 16.9553



17.2856, 21.0068, -29.4721

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.



31.7405, 30.3246, -11.2605



31.7398, -17.6058, 16.9553



31.7405, 2.0311, -40.6724

Square

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



31.7405, -17.6065, 16.9555



31.7405, -21.9749, -20.2981



31.7405, 18.1386, -29.8204



31.7405, 25.4468, 14.4247

Rectangle

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



31.7398, -17.6058, 16.9553



31.7405, -26.1215, 3.1199



31.7405, 18.1386, -29.8204



31.7405, 33.4884, 0.2695

Sweetspot

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



31.7405, -17.6065, 16.9555



44.4841, -10.1615, 10.9173



25.6951, 5.8020, 13.1003



21.6219, -5.2421, 5.6192



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.



31.7405, -17.6065, 16.9555



40.8941, -26.0467, 23.7559



30.4957, -22.6562, 15.8539



17.0553, -2.1550, 2.3227



35.2241, -24.5513, 21.2751



81.0948, -58.0666, 48.9537

Inverse Universe

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



17.2856, 21.0068, -29.4721



18.9947, 33.7026, -50.9138



21.1198, 29.0300, -18.8146



16.0410, 0.4328, -0.6245



14.4575, 32.8812, -53.6203



32.6168, 75.0905, -128.0166

Previews

White Background



This preview shows how the HunterLab color 31.7398, -17.6058, 16.9553 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 31.7398, -17.6058, 16.9553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

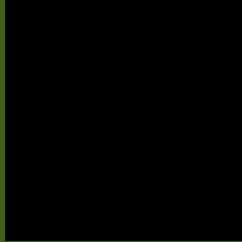
Any Text WCAG AA × Fail

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 31.7398, -17.6058, 16.9553 Background



This preview shows how black text looks on a background with the HunterLab color 31.7398, -17.6058, 16.9553.



This preview shows how white text looks on a background with the HunterLab color 31.7398,

-17.6058, 16.9553.

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

31.7398, -17.6058, 16.9553

Protanopia

31.5170, -4.0365, 17.3993

Deuteranopia

31.6194, 1.7252, 16.5323



Tritanopia

31.6083, -5.1950, -3.2295

Trichromacy



Original Color

31.7398, -17.6058, 16.9553

Protanomaly

31.5258, -9.5658, 17.1925

Deuteranomaly

31.3079, -6.0598, 16.4608

Tritanomaly

31.5557, -11.0075, 6.7447

Monochromacy



Original Color

31.7398, -17.6058, 16.9553

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

29.3599, -8.2032, 8.7445

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.7398, -17.6058, 16.9553 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(63, 99, 30)` looks like.

```
.text, #text, p{  
    color:rgb(63, 99, 30)  
}
```

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(63, 99, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 99, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 31.7398, -17.6058, 16.9553 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(63, 99, 30) }
```


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

```
.border{ border-color:rgb(63, 99, 30) }
```

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

Here you see how a box with a 4 pixel rgb(63, 99, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 99, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 99, 30);  
box-shadow:4px 4px 4px 4px rgb(63, 99, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.7398, -17.6058, 16.9553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 99, 30) }
```

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

```
.background{ background-color: rgb(63, 99,  
30) }
```

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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