

Converting Colors

HunterLab(33.4273, -18.9551,
15.2040)

Have a look what the booklet for
HunterLab(33.4273, -18.9551,
15.2040) contains.

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Color

**HunterLab(33.2912,
-18.7531, 15.0106)**

Conversions

Conversions Part 1

Format	Color
Hex	3C6831
RGB	60, 104, 49
RGB Percent	24%, 41%, 19%
CMY	0.7647, 0.5921, 0.8078
CMYK	0.42, 0.00, 0.53, 0.59
HSL	108°, 36%, 30%
HSV	108°, 53%, 41%
XYZ	7.3682, 11.0830, 4.6566
YIQ	84.5740, -8.5690, -26.4330

Conversions

Conversions Part 2

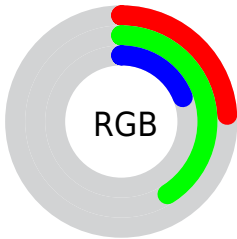
Format	Color
R_{YB}	49, 104, 93
Decimal	3958833
CIE Lab	39.72, -26.98, 26.13
CIE LCh	40, 37.556, 135.917
Yxy	11.0835, 0.3189, 0.4796
Android (android.graphics.Color)	4282148913 (0xFF3C6831)
YUV	84.5740, -17.5380, -21.5514
Hunter-Lab	33.2912, -18.7531, 15.0106

Details

The HunterLab color **33.2912, -18.7531, 15.0106** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **23.5024, 20.4793, -18.2003**, and the grayscale version is **30.0492, -1.6034, 1.6326**.

A 20% lighter version of the original color is **52.8725, -23.3971, 19.4882**, and **17.0024, -13.6096, 10.0382** is the 20% darker color. If you saturate the color by 10%, you get **32.8124, -20.9196, 16.4465**, and if you desaturate by 10%, it is **33.8549, -16.2396, 13.2346**.

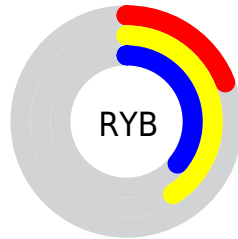
Distribution



Red (24%)

Green (41%)

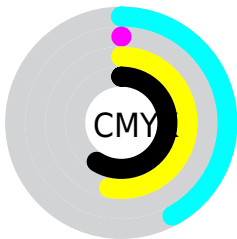
Blue (19%)



Red (19%)

Yellow (41%)

Blue (36%)

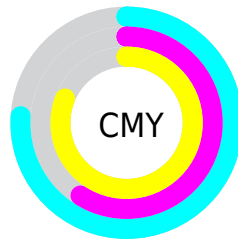


Cyan (42%)

Magenta (0%)

Yellow (53%)

Black (59%)



Cyan (76%)

Magenta (59%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2912, -18.7531, 15.0106 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 33.2912, -18.7531, 15.0106 by changing the saturation by 10% instead.

■ 33.2912, -18.7531,
15.0106

■ 33.2912, -18.7531,
15.0106

140.7976,
-36.9971, 33.1746

■ 24.7448, -16.3103,
12.5479

■ 52.7394, -23.2213,
19.4942

■ 17.0881, -13.6379,
10.0517

■ 63.5246, -25.3188,
21.5889

■ 10.4409, -12.0440,
7.3086

■ 74.9587, -27.3547,
23.6167

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.0069, -29.3430,
25.5930

0.0000, NaN, NaN

■ 99.6391, -31.2944,
27.5292

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.8297,

-33.2166, 29.4339

0.0000, NaN, NaN

126.5559,
-35.1159, 31.3139

■ 33.2912, -18.7531,
15.0106

■ 33.2912, -18.7531,
15.0106

■ 32.8124, -20.9196,
16.4465

■ 33.8549, -16.2396,
13.2346

■ 32.4149, -22.7279,
17.5434

■ 34.5017, -13.3935,
11.1241

■ 32.0969, -24.1780,
18.3133

■ 35.2317, -10.2370,
8.6925

■ 31.8536, -25.2835,
18.7898

■ 36.0437, -6.7954,
5.9576

■ 31.7148, -25.9214,
19.0887

■ 36.9355, -3.0961,
2.9407

■ 37.9048, 0.8328,
-0.3346

■ 38.9486, 4.9634,
-3.8443

■ 40.0640, 9.2691,
-7.5642

■ 41.2475, 13.7252,
-11.4710

Harmonies

Analogous

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



33.2919, -8.7377, 18.0808



33.2912, -18.7531, 15.0106



33.2919, -23.7775, 7.3803

Triad

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



33.2919, -18.7537, 15.0108



33.2919, -7.9831, -33.0775



33.2919, 27.7262, 8.0102

Complementary

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



33.2912, -18.7531, 15.0106



23.5024, 20.4793, -18.2003

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.



33.2919, 28.0171, -4.9227



33.2912, -18.7531, 15.0106



33.2919, 5.8046, -32.6811

Square

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



33.2919, -18.7537, 15.0108



33.2919, -18.2791, -21.8542



33.2919, 19.4733, -20.9245



33.2919, 18.7334, 15.3097

Rectangle

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



33.2912, -18.7531, 15.0106



33.2919, -24.2468, -0.8925



33.2919, 19.4733, -20.9245



33.2919, 28.8890, 4.3074

Sweetspot

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



33.2919, -18.7537, 15.0108



47.3445, -10.6675, 9.2272



33.1572, -3.2318, 15.1786



23.3070, -5.6003, 4.8214



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



33.2919, -18.7537, 15.0108



43.3527, -28.1974, 22.0923



33.0781, -19.1087, 10.9468



17.7948, -2.6168, 2.3416



35.1938, -28.8531, 21.1812



80.1825, -66.7077, 48.2403

Inverse Universe

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



23.5024, 20.4793, -18.2003



28.0987, 33.4910, -30.5824



24.1584, 20.8848, -7.1421



16.9198, 0.8268, -0.5346



18.7009, 38.6139, -38.9851



42.2725, 87.5934, -90.5167

Previews

White Background



This preview shows how the HunterLab color 33.2912, -18.7531, 15.0106 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

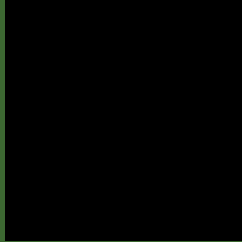
Any Text WCAG AA × Fail

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 33.2912, -18.7531, 15.0106 Background



This preview shows how black text looks on a background with the HunterLab color 33.2912, -18.7531, 15.0106.



This preview shows how white text looks on a background with the HunterLab color 33.2912, -18.7531, 15.0106.

-18.7531, 15.0106.

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

33.2912, -18.7531, 15.0106

Protanopia

33.0178, -3.8192, 15.8205

Deuteranopia

33.1349, 2.1036, 14.4276



Tritanopia

33.2837, -7.3251, -3.9089

Trichromacy



Original Color

33.2912, -18.7531, 15.0106

Protanomaly

32.8221, -10.1336, 15.3783

Deuteranomaly

32.6083, -6.4917, 14.0723

Tritanomaly

33.0582, -12.2600, 4.7418

Monochromacy



Original Color

33.2912, -18.7531, 15.0106

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

31.0784, -8.5691, 7.3041

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2912, -18.7531, 15.0106 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(60, 104, 49)` looks like.

```
.text, #text, p{  
    color:rgb(60, 104, 49)  
}
```

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(60, 104, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 104, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2912, -18.7531, 15.0106 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(60, 104, 49) }
```


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

```
.border{ border-color:rgb(60, 104, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 104, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 104, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 104, 49);  
box-shadow:4px 4px 4px 4px rgb(60, 104,  
49) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.2912, -18.7531, 15.0106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 104, 49) }
```

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

```
.background{ background-color: rgb(60, 104,  
49) }
```

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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