

Converting Colors

HunterLab(33.2086, -15.0673,
15.2752)

Have a look what the booklet for
HunterLab(33.2086, -15.0673,
15.2752) contains.

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Color

**HunterLab(33.1310,
-14.8171, 15.1516)**

Conversions

Conversions Part 1

Format	Color
Hex	4A6530
RGB	74, 101, 48
RGB Percent	29%, 40%, 19%
CMY	0.7098, 0.6039, 0.8118
CMYK	0.27, 0.00, 0.52, 0.60
HSL	91°, 36%, 29%
HSV	91°, 52%, 40%
XYZ	8.0112, 10.9766, 4.4928
YIQ	86.8850, 0.9210, -22.2070

Conversions

Conversions Part 2

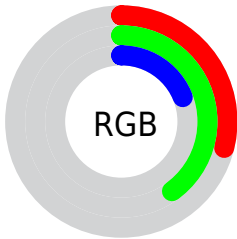
Format	Color
RYB	48, 101, 75
Decimal	4875568
CIELab	39.54, -20.18, 26.65
CIELCh	40, 33.426, 127.130
Yxy	10.9771, 0.3412, 0.4675
Android (android.graphics.Color)	4283065648 (0xFF4A6530)
YUV	86.8850, -19.1703, -11.3001
Hunter-Lab	33.1310, -14.8171, 15.1516

Details

The HunterLab color **33.1310, -14.8171, 15.1516** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **21.3300, 15.4616, -20.8106**, and the grayscale version is **30.8982, -1.6487, 1.6788**.

A 20% lighter version of the original color is **52.5050, -18.4305, 19.8052**, and **16.9924, -10.7910, 10.1815** is the 20% darker color. If you saturate the color by 10%, you get **32.7216, -16.6435, 16.5640**, and if you desaturate by 10%, it is **33.5900, -12.7795, 13.3846**.

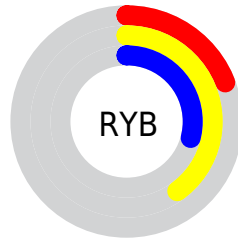
Distribution



Red (29%)

Green (40%)

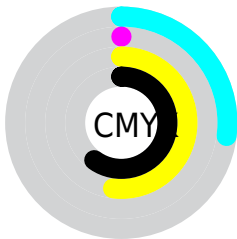
Blue (19%)



Red (19%)

Yellow (40%)

Blue (29%)

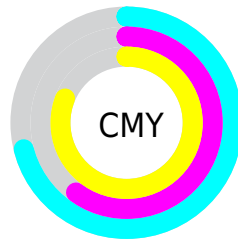


Cyan (27%)

Magenta (0%)

Yellow (52%)

Black (60%)



Cyan (71%)

Magenta (60%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.1310, -14.8171, 15.1516 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 33.1310, -14.8171, 15.1516 by changing the saturation by 10% instead.

■ 33.1310, -14.8171,
15.1516

■ 33.1310, -14.8171,
15.1516

140.5384,
-29.7809, 33.5947

■ 24.5997, -12.9060,
12.6416

■ 52.5527, -18.3760,
19.7152

■ 16.9599, -10.8434,
10.1505

■ 63.3259, -20.0727,
21.8446

■ 10.3322, -9.2452,
7.2325

■ 74.7487, -21.7344,
23.9044

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 86.7861, -23.3709,
25.9104

0.0000, NaN, NaN

■ 99.4082, -24.9890,
27.8744

0.0000, NaN, NaN

■ 112.5890,

0.0000, NaN, NaN

-26.5941, 29.8053

0.0000, NaN, NaN

126.3058,
-28.1903, 31.7102

■ 33.1310, -14.8171,
15.1516

■ 33.1310, -14.8171,
15.1516

■ 32.7216, -16.6435,
16.5640

■ 33.5900, -12.7795,
13.3846

■ 32.3589, -18.2537,
17.6297

■ 34.0969, -10.5341,
11.2600

■ 32.0422, -19.6495,
18.3650

■ 34.6523, -8.0899,
8.7811

■ 31.7691, -20.8400,
18.8038

■ 35.2559, -5.4569,
5.9552

■ 31.5823, -21.6574,
19.0817

■ 35.9070, -2.6465,
2.7930

■ 36.6048, 0.3292,
-0.6917

■ 37.3483, 3.4575,
-4.4836

■ 38.1362, 6.7255,
-8.5657

■ 38.9673, 10.1206,
-12.9203

Harmonies

Analogous

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



33.1317, -4.6418, 17.2190



33.1310, -14.8171, 15.1516



33.1317, -20.7925, 9.3805

Triad

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



33.1317, -14.8179, 15.1519



33.1317, -10.4324, -26.1823



33.1317, 24.9794, 4.4649

Complementary

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



33.1310, -14.8171, 15.1516



21.3300, 15.4616, -20.8106

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.



33.1317, 22.8350, -8.1352



33.1310, -14.8171, 15.1516



33.1317, 1.2039, -29.0072

Square

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



33.1317, -14.8179, 15.1519



33.1317, -18.5291, -14.7652



33.1317, 13.6743, -21.4837



33.1317, 19.1690, 12.6748

Rectangle

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



33.1310, -14.8171, 15.1516



33.1317, -22.1582, 2.9052



33.1317, 13.6743, -21.4837



33.1317, 25.1773, 0.6625

Sweetspot

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



33.1317, -14.8179, 15.1519



45.8712, -8.5490, 9.3272



28.1871, 3.7600, 11.5524



22.6983, -4.4829, 4.8871



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



33.1317, -14.8179, 15.1519



42.7583, -22.3145, 22.0616



31.8586, -19.8578, 14.0791



17.8950, -2.2600, 2.4576



36.1298, -24.9415, 21.8264



82.1968, -58.2585, 49.6294

Inverse Universe

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



21.3300, 15.4616, -20.8106



24.2967, 25.7848, -36.1558



24.1257, 22.6907, -14.9952



16.8100, 0.4548, -0.6804



14.6475, 33.4954, -55.7366



32.6616, 75.6073, -131.3999

Previews

White Background



This preview shows how the HunterLab color 33.1310, -14.8171, 15.1516 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 33.1310, -14.8171, 15.1516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

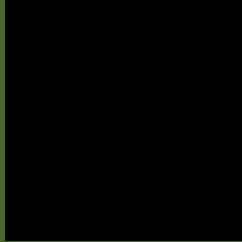
Any Text WCAG AA × Fail

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 33.1310, -14.8171, 15.1516 Background



This preview shows how black text looks on a background with the HunterLab color 33.1310, -14.8171, 15.1516.



This preview shows how white text looks on a background with the HunterLab color 33.1310, -14.8171, 15.1516.

-14.8171, 15.1516.

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

33.1310, -14.8171, 15.1516

Protanopia

33.0178, -3.8192, 15.8205

Deuteranopia

33.1077, 1.9576, 14.8263



Tritanopia

33.1022, -3.8966, -2.6544

Trichromacy



Original Color

33.1310, -14.8171, 15.1516

Protanomaly

32.9216, -8.3290, 15.4853

Deuteranomaly

32.7286, -4.7228, 14.6180

Tritanomaly

32.9184, -8.4767, 5.3961

Monochromacy



Original Color

33.1310, -14.8171, 15.1516

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

31.5106, -6.9397, 7.4349

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.1310, -14.8171, 15.1516 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(74, 101, 48)` looks like.

```
.text, #text, p{  
    color:rgb(74, 101, 48)  
}
```

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(74, 101, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 101, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 33.1310, -14.8171, 15.1516 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(74, 101, 48) }
```


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

```
.border{ border-color:rgb(74, 101, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 101, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 101, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 101, 48);  
box-shadow:4px 4px 4px 4px rgb(74, 101,  
48) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.1310, -14.8171, 15.1516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 101, 48) }
```

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

```
.background{ background-color: rgb(74, 101,  
48) }
```

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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