

Converting Colors

HunterLab(33.2294, -14.9462,
15.3777)

Have a look what the booklet for
HunterLab(33.2294, -14.9462,
15.3777) contains.

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Color

**HunterLab(33.1186,
-14.8894, 15.3324)**

Conversions

Conversions Part 1

Format	Color
Hex	4A652F
RGB	74, 101, 47
RGB Percent	29%, 40%, 18%
CMY	0.7098, 0.6039, 0.8157
CMYK	0.27, 0.00, 0.53, 0.60
HSL	90°, 36%, 29%
HSV	90°, 53%, 40%
XYZ	7.9908, 10.9684, 4.3853
YIQ	86.7710, 1.2420, -22.5180

Conversions

Conversions Part 2

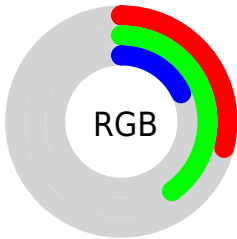
Format	Color
RYB	47, 101, 74
Decimal	4875567
CIELab	39.53, -20.30, 27.18
CIELCh	40, 33.928, 126.759
Yxy	10.9689, 0.3423, 0.4699
Android (android.graphics.Color)	4283065647 (0xFF4A652F)
YUV	86.7710, -19.6071, -11.2002
Hunter-Lab	33.1186, -14.8894, 15.3324

Details

The HunterLab color $[33.1186, -14.8894, 15.3324]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[21.0446, 15.6751, -21.4467]$, and the grayscale version is $[30.8578, -1.6465, 1.6766]$.

A 20% lighter version of the original color is $[52.4878, -18.5300, 20.0563]$, and $[16.9859, -10.8301, 10.2770]$ is the 20% darker color. If you saturate the color by 10%, you get $[32.7172, -16.6801, 16.7111]$, and if you desaturate by 10%, it is $[33.5688, -12.8900, 13.5990]$.

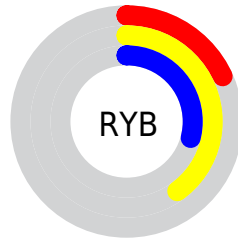
Distribution



Red (29%)

Green (40%)

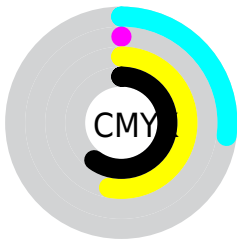
Blue (18%)



Red (18%)

Yellow (40%)

Blue (29%)

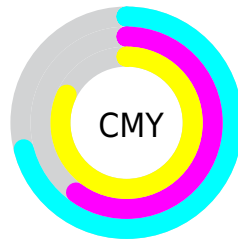


Cyan (27%)

Magenta (0%)

Yellow (53%)

Black (60%)



Cyan (71%)

Magenta (60%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.1186, -14.8894, 15.3324 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 33.1186, -14.8894, 15.3324 by changing the saturation by 10% instead.

■ 33.1186, -14.8894,
15.3324

■ 33.1186, -14.8894,
15.3324

140.5183,
-29.9141, 34.0518

■ 24.5885, -12.9683,
12.7773

■ 52.5382, -18.4652,
19.9738

■ 16.9500, -10.8942,
10.2784

■ 63.3105, -20.1694,
22.1372

■ 10.3238, -9.3020,
7.2267

■ 74.7325, -21.8381,
24.2287

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 86.7690, -23.4811,
26.2643

0.0000, NaN, NaN

■ 99.3903, -25.1054,
28.2561

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.5704,

-26.7164, 30.2135

0.0000, NaN, NaN

126.2864,
-28.3182, 32.1435

■ 33.1186, -14.8894,
15.3324

■ 33.1186, -14.8894,
15.3324

■ 32.7172, -16.6801,
16.7111

■ 33.5688, -12.8900,
13.5990

■ 32.3614, -18.2576,
17.7437

■ 34.0660, -10.6846,
11.5069

■ 32.0508, -19.6244,
18.4475

■ 34.6110, -8.2819,
9.0587

■ 31.7820, -20.7937,
18.8663

■ 35.2035, -5.6911,
6.2609

■ 31.6206, -21.4998,
19.1081

■ 35.8429, -2.9232,
3.1239

■ 36.5284, 0.0100,
-0.3394

■ 37.2591, 3.0962,
-4.1138

■ 38.0337, 6.3229,
-8.1828

■ 38.8511, 9.6777,
-12.5289

Harmonies

Analogous

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



33.1193, -4.5346, 17.3636



33.1186, -14.8894, 15.3324



33.1193, -20.9894, 9.5765

Triad

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



33.1193, -14.8902, 15.3327



33.1193, -10.6803, -26.6226



33.1193, 25.4570, 4.3680

Complementary

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



33.1186, -14.8894, 15.3324



21.0446, 15.6751, -21.4467

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.



33.1193, 23.1710, -8.4795



33.1186, -14.8894, 15.3324



33.1193, 1.0906, -29.6455

Square

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



33.1193, -14.8902, 15.3327



33.1193, -18.8209, -14.8893



33.1193, 13.7785, -22.0678



33.1193, 19.6312, 12.7250

Rectangle

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



33.1186, -14.8894, 15.3324



33.1193, -22.4087, 3.0623



33.1193, 13.7785, -22.0678



33.1193, 25.6235, 0.4918

Sweetspot

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



33.1193, -14.8902, 15.3327



45.8865, -8.4940, 9.3438



28.0533, 3.9038, 11.6705



22.7065, -4.4534, 4.8959



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.



33.1193, -14.8902, 15.3327



42.7530, -22.3604, 22.2498



31.8079, -20.0885, 14.2350



17.8983, -2.2482, 2.4614



36.1737, -24.7610, 21.8566



82.2962, -57.8480, 49.6978

Inverse Universe

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



21.0446, 15.6751, -21.4467



23.9325, 26.0488, -37.1607



23.9574, 23.1395, -15.3035



16.8065, 0.4429, -0.6851



14.5364, 33.3695, -56.3067



32.4043, 75.3229, -132.7771

Previews

White Background



This preview shows how the HunterLab color 33.1186, -14.8894, 15.3324 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 33.1186, -14.8894, 15.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

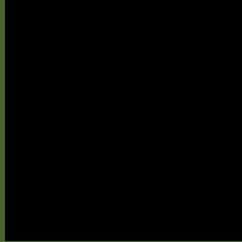
Any Text WCAG AA × Fail

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 33.1186, -14.8894, 15.3324 Background



This preview shows how black text looks on a background with the HunterLab color 33.1186, -14.8894, 15.3324.



This preview shows how white text looks on a background with the HunterLab color 33.1186,

-14.8894, 15.3324.

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

33.1186, -14.8894, 15.3324

Protanopia

33.0062, -3.8831, 15.9899

Deuteranopia

33.0945, 1.8869, 15.0195



Tritanopia

33.1022, -3.8966, -2.6544

Trichromacy



Original Color

33.1186, -14.8894, 15.3324

Protanomaly

32.9097, -8.3962, 15.6592

Deuteranomaly

32.7156, -4.7955, 14.8092

Tritanomaly

32.9184, -8.4767, 5.3961

Monochromacy



Original Color

33.1186, -14.8894, 15.3324

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

31.4897, -7.0576, 7.7368

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.1186, -14.8894, 15.3324 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, 47)` looks like.

```
.text, #text, p{  
    color:rgb(74, 101, 47)  
}
```

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, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 101, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 33.1186, -14.8894, 15.3324 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, 47) }
```


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

```
.border{ border-color:rgb(74, 101, 47) }
```

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, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 101, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 101, 47);  
box-shadow:4px 4px 4px 4px rgb(74, 101,  
47) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.1186, -14.8894, 15.3324 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, 47) }
```

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

```
.background{ background-color: rgb(74, 101,  
47) }
```

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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