

Converting Colors

HunterLab(33.2133, -15.2945,
17.9588)

Have a look what the booklet for
HunterLab(33.2133, -15.2945,
17.9588) contains.

HunterLab(33.1344, -15.1649, 17.9539)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(33.1344,
-15.1649, 17.9539)**

Conversions

Conversions Part 1

Format	Color
Hex	4D651E
RGB	77, 101, 30
RGB Percent	30%, 40%, 12%
CMY	0.6980, 0.6039, 0.8823
CMYK	0.24, 0.00, 0.70, 0.60
HSL	80°, 54%, 26%
HSV	80°, 70%, 40%
XYZ	7.9486, 10.9789, 2.9285
YIQ	85.7300, 8.4870, -27.1690

Conversions

Conversions Part 2

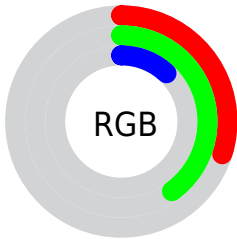
Format	Color
RYB	30, 101, 54
Decimal	5072158
CIELab	39.55, -20.77, 35.84
CIElCh	40, 41.425, 120.086
Yxy	10.9794, 0.3637, 0.5023
Android (android.graphics.Color)	4283262238 (0xFF4D651E)
YUV	85.7300, -27.4749, -7.6562
Hunter-Lab	33.1344, -15.1649, 17.9539

Details

The HunterLab color $[33.1344, -15.1649, 17.9539]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[16.2871, 19.0074, -34.4527]$, and the grayscale version is $[30.5025, -1.6275, 1.6573]$.

A 20% lighter version of the original color is $[52.5316, -18.8558, 23.9046]$, and $[17.0715, -10.4834, 10.3358]$ is the 20% darker color. If you saturate the color by 10%, you get $[32.8595, -16.3738, 18.7753]$, and if you desaturate by 10%, it is $[33.4445, -13.7911, 16.7918]$.

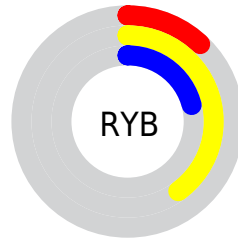
Distribution



Red (30%)

Green (40%)

Blue (12%)



Red (12%)

Yellow (40%)

Blue (21%)

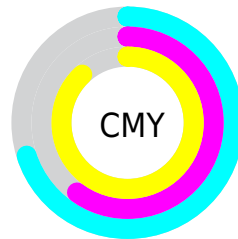


Cyan (24%)

Magenta (0%)

Yellow (70%)

Black (60%)



Cyan (70%)

Magenta (60%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.1344, -15.1649, 17.9539 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 33.1344, -15.1649, 17.9539 by changing the saturation by 10% instead.

■ 33.1344, -15.1649,
17.9539

■ 33.1344, -15.1649,
17.9539

140.5439,
-30.4103, 41.2407

■ 24.6028, -13.2083,
14.6714

■ 52.5567, -18.8018,
23.8704

■ 16.9627, -11.0935,
11.8739

■ 63.3301, -20.5329,
26.5974

■ 10.3345, -9.4928,
7.2342

■ 74.7532, -22.2267,
29.2131

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 86.7908, -23.8934,
31.7397

0.0000, NaN, NaN

■ 99.4131, -25.5402,
34.1939

0.0000, NaN, NaN

■ 112.5941,

0.0000, NaN, NaN

-27.1725, 36.5890

0.0000, NaN, NaN

126.3111,
-28.7948, 38.9351

33.1344, -15.1649,
17.9539

33.1344, -15.1649,
17.9539

32.8595, -16.3738,
18.7753

33.4445, -13.7911,
16.7918

32.6156, -17.4225,
19.2809

33.7888, -12.2459,
15.2707

32.3977, -18.3549,
19.6420

34.1691, -10.5292,
13.3796

34.5861, -8.6420,
11.1126

35.0400, -6.5877,
8.4687

■ 35.5311, -4.3708,
5.4509

■ 36.0592, -1.9974,
2.0656

■ 36.6241, 0.5256,
-1.6780

■ 37.2253, 3.1904,
-5.7684

Harmonies

Analogous

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



33.1351, -1.8136, 19.2862



33.1344, -15.1649, 17.9539



33.1351, -23.4589, 12.8753

Triad

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



33.1351, -15.1658, 17.9541



33.1351, -15.1024, -32.4049



33.1351, 32.7505, 1.8453

Complementary

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



33.1344, -15.1649, 17.9539



16.2871, 19.0074, -34.4527

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.



33.1351, 27.5058, -15.2403



33.1344, -15.1649, 17.9539



33.1351, -1.7260, -39.6930

Square

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



33.1351, -15.1658, 17.9541



33.1351, -23.4273, -15.3471



33.1351, 14.1638, -32.3262



33.1351, 27.4478, 12.9196

Rectangle

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



33.1344, -15.1649, 17.9539



33.1351, -25.8935, 6.2357



33.1351, 14.1638, -32.3262



33.1351, 32.1523, -3.3403

Sweetspot

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



33.1351, -15.1658, 17.9541



45.8305, -8.9913, 11.5713



23.3842, 11.7881, 11.5009



22.6760, -4.7210, 6.0812



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.



33.1351, -15.1658, 17.9541



42.8549, -22.3095, 25.0477



31.4490, -21.9089, 16.6792



17.9554, -2.0458, 2.5272



37.0665, -21.1433, 22.4701



84.3584, -49.4572, 51.1154

Inverse Universe

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



16.2871, 19.0074, -34.4527



17.4186, 31.2805, -60.6649



20.0013, 27.0179, -23.7005



16.7466, 0.2389, -0.7651



12.8816, 31.6243, -65.8161



28.6618, 71.5031, -155.2663

Previews

White Background



This preview shows how the HunterLab color 33.1344, -15.1649, 17.9539 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 33.1344, -15.1649, 17.9539 Background



This preview shows how black text looks on a background with the HunterLab color 33.1344, -15.1649, 17.9539.



This preview shows how white text looks on a background with the HunterLab color 33.1344,

-15.1649, 17.9539.

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

33.1344, -15.1649, 17.9539

Protanopia

32.9478, -4.3876, 18.2485

Deuteranopia

32.8843, 2.1375, 17.4337



Tritanopia

33.0091, -2.8935, -2.2891

Trichromacy



Original Color

33.1344, -15.1649, 17.9539

Protanomaly

32.9152, -8.6821, 18.0364

Deuteranomaly

32.8074, -4.8091, 17.5313

Tritanomaly

32.9621, -8.6272, 7.8613

Monochromacy



Original Color

33.1344, -15.1649, 17.9539

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

31.1681, -7.0574, 9.2773

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.1344, -15.1649, 17.9539 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(77, 101, 30)` looks like.

```
.text, #text, p{  
    color:rgb(77, 101, 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(77, 101, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 101, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 33.1344, -15.1649, 17.9539 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(77, 101, 30) }
```


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

```
.border{ border-color:rgb(77, 101, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 101, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 101, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 101, 30);  
box-shadow:4px 4px 4px 4px rgb(77, 101,  
30) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.1344, -15.1649, 17.9539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 101, 30) }
```

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

```
.background{ background-color: rgb(77, 101,  
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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