

Converting Colors

HunterLab(33.4487, -17.9065,
13.4360)

Have a look what the booklet for
HunterLab(33.4487, -17.9065,
13.4360) contains.

HunterLab(33.4487, -17.9065, 13.4360)	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(33.4487,
-17.9065, 13.4360)**

Conversions

Conversions Part 1

Format	Color
Hex	3D6839
RGB	61, 104, 57
RGB Percent	24%, 41%, 22%
CMY	0.7608, 0.5921, 0.7765
CMYK	0.41, 0.00, 0.45, 0.59
HSL	115°, 29%, 32%
HSV	115°, 45%, 41%
XYZ	7.6133, 11.1882, 5.6292
YIQ	85.7850, -10.5410, -23.7330

Conversions

Conversions Part 2

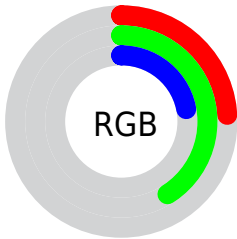
Format	Color
RYB	57, 104, 100
Decimal	4024377
CIELab	39.90, -25.40, 21.87
CIELCh	40, 33.512, 139.272
Yxy	11.1886, 0.3116, 0.4580
Android (android.graphics.Color)	4282214457 (0xFF3D6839)
YUV	85.7850, -14.1910, -21.7364
Hunter-Lab	33.4487, -17.9065, 13.4360

Details

The HunterLab color $[33.4487, -17.9065, 13.4360]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[25.7593, 18.7968, -13.9441]$, and the grayscale version is $[30.4806, -1.6264, 1.6561]$.

A 20% lighter version of the original color is $[53.0814, -22.2953, 17.3904]$, and $[17.1130, -12.9997, 8.9982]$ is the 20% darker color. If you saturate the color by 10%, you get $[32.8932, -20.4151, 15.1394]$, and if you desaturate by 10%, it is $[34.1065, -14.9970, 11.4124]$.

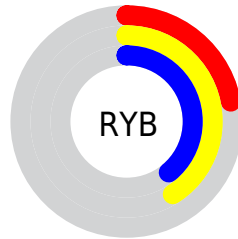
Distribution



Red (24%)

Green (41%)

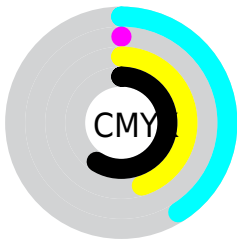
Blue (22%)



Red (22%)

Yellow (41%)

Blue (39%)

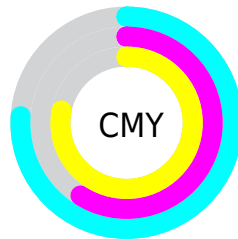


Cyan (41%)

Magenta (0%)

Yellow (45%)

Black (59%)



Cyan (76%)

Magenta (59%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.4487, -17.9065, 13.4360 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 33.4487, -17.9065, 13.4360 by changing the saturation by 10% instead.

■ 33.4487, -17.9065,
13.4360

■ 33.4487, -17.9065,
13.4360

141.0522,
-35.3715, 29.4196

■ 24.8875, -15.5924,
11.3321

■ 52.9230, -22.1565,
17.3052

■ 17.2143, -13.0693,
9.0549

■ 63.7199, -24.1585,
19.1311

■ 10.5480, -11.3286,
7.3836

■ 75.1651, -26.1055,
20.9095

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.2237, -28.0106,
22.6524

0.0000, NaN, NaN

■ 99.8660, -29.8832,
24.3689

0.0000, NaN, NaN

■ 113.0662,

0.0000, NaN, NaN

-31.7306, 26.0656

0.0000, NaN, NaN

126.8016,
-33.5586, 27.7478

■ 33.4487, -17.9065,
13.4360

■ 33.4487, -17.9065,
13.4360

■ 32.8932, -20.4151,
15.1394

■ 34.1065, -14.9970,
11.4124

■ 32.4366, -22.5038,
16.5129

■ 34.8642, -11.7107,
9.0839

■ 32.0768, -24.1666,
17.5576

■ 35.7212, -8.0800,
6.4726

■ 31.8091, -25.4103,
18.2852

■ 36.6749, -4.1404,
3.6038

■ 31.6242, -26.2722,
18.7575

■ 37.7223, 0.0713,
0.5043

■ 31.5566, -26.5947,
18.9794

■ 38.8597, 4.5186,
-2.7982

■ 40.0829, 9.1670,
-6.2773

■ 41.3876, 13.9843,
-9.9081

■ 42.7695, 18.9420,
-13.6678

Harmonies

Analogous

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



33.4494, -9.2491, 16.8690



33.4487, -17.9065, 13.4360



33.4494, -22.0186, 5.7485

Triad

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



33.4494, -17.9071, 13.4363



33.4494, -6.0816, -28.7357



33.4494, 23.6308, 8.4351

Complementary

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



33.4487, -17.9065, 13.4360



25.7593, 18.7968, -13.9441

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.



33.4494, 24.8050, -2.6499



33.4487, -17.9065, 13.4360



33.4494, 6.3936, -27.1877

Square

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



33.4494, -17.9071, 13.4363



33.4494, -15.8778, -20.1443



33.4494, 18.1172, -16.4644



33.4494, 15.1092, 14.7885

Rectangle

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



33.4487, -17.9065, 13.4360



33.4494, -22.0965, -2.0160



33.4494, 18.1172, -16.4644



33.4494, 24.9401, 5.2507

Sweetspot

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



33.4494, -17.9071, 13.4363



47.4093, -10.3001, 8.2820



34.9566, -5.3198, 14.8812



23.3205, -5.4927, 4.3840



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.



33.4494, -17.9071, 13.4363



43.5455, -27.1399, 20.1190



33.6007, -16.6441, 8.4118



17.7560, -2.7557, 2.2964



35.0250, -29.5717, 21.0646



79.8802, -67.9978, 48.0314

Inverse Universe

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



25.7593, 18.7968, -13.9441



31.4319, 31.0859, -23.4294



25.5513, 16.9021, -3.9998



16.9641, 0.9759, -0.4761



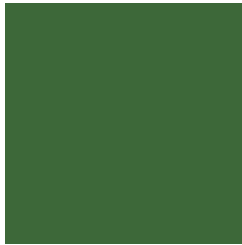
20.5779, 41.2274, -33.1141



46.7957, 93.8703, -76.2043

Previews

White Background



This preview shows how the HunterLab color 33.4487, -17.9065, 13.4360 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 33.4487, -17.9065, 13.4360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

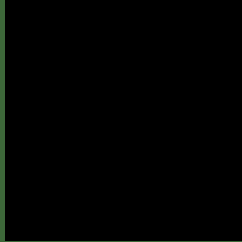
Any Text WCAG AA × Fail

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 33.4487, -17.9065, 13.4360 Background



This preview shows how black text looks on a background with the HunterLab color 33.4487, -17.9065, 13.4360.



This preview shows how white text looks on a background with the HunterLab color 33.4487,

-17.9065, 13.4360.

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

33.4487, -17.9065, 13.4360

Protanopia

33.3856, -3.6819, 14.5261

Deuteranopia

33.1387, 2.3251, 12.8120



Tritanopia

33.2837, -7.3251, -3.9089

Trichromacy



Original Color

33.4487, -17.9065, 13.4360

Protanomaly

33.2812, -9.6605, 14.1212

Deuteranomaly

32.7122, -5.9086, 12.5542

Tritanomaly

33.1847, -11.6344, 3.7491

Monochromacy



Original Color

33.4487, -17.9065, 13.4360

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

31.4873, -8.3626, 6.7216

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4487, -17.9065, 13.4360 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(61, 104, 57)` looks like.

```
.text, #text, p{  
    color:rgb(61, 104, 57)  
}
```

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(61, 104, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 104, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4487, -17.9065, 13.4360 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(61, 104, 57) }
```


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

```
.border{ border-color:rgb(61, 104, 57) }
```

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

Here you see how a box with a 4 pixel rgb(61, 104, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 104, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 104, 57);  
box-shadow:4px 4px 4px 4px rgb(61, 104,  
57) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.4487, -17.9065, 13.4360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 104, 57) }
```

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

```
.background{ background-color: rgb(61, 104,  
57) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor