

Converting Colors

HunterLab(33.4712, -17.2499,
7.0089)

Have a look what the booklet for
HunterLab(33.4712, -17.2499,
7.0089) contains.

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Color

**HunterLab(33.4419,
-17.0847, 6.8522)**

Conversions

Conversions Part 1

Format	Color
Hex	336850
RGB	51, 104, 80
RGB Percent	20%, 41%, 31%
CMY	0.8000, 0.5921, 0.6863
CMYK	0.51, 0.00, 0.23, 0.59
HSL	153°, 34%, 30%
HSV	153°, 51%, 41%
XYZ	7.7635, 11.1836, 9.3389
YIQ	85.4170, -23.8840, -18.7000

Conversions

Conversions Part 2

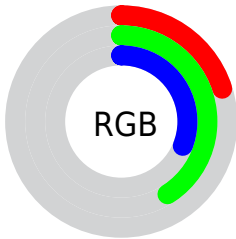
Format	Color
RYB	51, 85, 104
Decimal	3369040
CIELab	39.89, -23.96, 8.16
CIELCh	40, 25.306, 161.194
Yxy	11.1841, 0.2745, 0.3954
Android (android.graphics.Color)	4281559120 (0xFF336850)
YUV	85.4170, -2.6706, -30.1837
Hunter-Lab	33.4419, -17.0847, 6.8522




Details

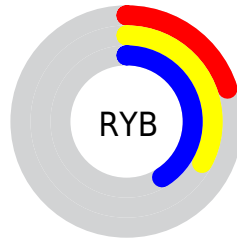
The HunterLab color **33.4419, -17.0847, 6.8522** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **24.1225, 18.1903, -1.1794**, and the grayscale version is **30.3086, -1.6172, 1.6467**.




A 20% lighter version of the original color is **53.0364, -21.4030, 9.0883**, and **17.1747, -12.2049, 4.8800** is the 20% darker color. If you saturate the color by 10%, you get **32.9792, -19.1272, 7.9253**, and if you desaturate by 10%, it is **33.9959, -14.7154, 5.8066**.

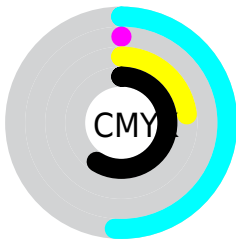
Distribution







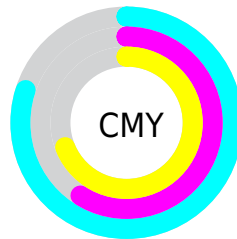
-  Red (20%)
-  Green (41%)
-  Blue (31%)






-  Red (20%)
-  Yellow (33%)
-  Blue (41%)



-  Cyan (51%)
-  Magenta (0%)
-  Yellow (23%)
-  Black (59%)



-  Cyan (80%)
-  Magenta (59%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.4419, -17.0847, 6.8522 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 33.4419, -17.0847, 6.8522 by changing the saturation by 10% instead.

■ 33.4419, -17.0847,
6.8522

■ 33.4419, -17.0847,
6.8522

141.0411,
-33.8516, 16.2522

■ 24.8813, -14.8838,
5.8282

■ 52.9150, -21.1407,
8.8797

■ 17.2088, -12.4908,
4.7769

■ 63.7115, -23.0574,
9.8979

■ 10.5434, -10.7353,
3.8846

■ 75.1562, -24.9249,
10.9247

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.2143, -26.7551,
11.9626

0.0000, NaN, NaN

■ 99.8562, -28.5568,
13.0133

0.0000, NaN, NaN

■ 113.0560,

0.0000, NaN, NaN

-30.3369, 14.0780

0.0000, NaN, NaN

126.7910,
-32.1004, 15.1574

■ 33.4419, -17.0847,
6.8522

■ 33.4419, -17.0847,
6.8522

■ 32.9792, -19.1272,
7.9253

■ 33.9959, -14.7154,
5.8066

■ 32.6031, -20.8347,
9.0120

■ 34.6403, -12.0326,
4.7991

■ 32.3102, -22.2101,
10.0987

■ 35.3757, -9.0575,
3.8401

■ 32.0942, -23.2678,
11.1706

■ 36.2012, -5.8148,
2.9379

■ 31.9304, -24.0880,
12.0889

■ 37.1148, -2.3317,
2.0987

■ 38.1139, 1.3636,
1.3271

■ 39.1956, 5.2432,
0.6259

■ 40.3564, 9.2807,
-0.0038

■ 41.5927, 13.4514,
-0.5619

Harmonies

Analogous

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



33.4426, -12.7667, 12.2570



33.4419, -17.0847, 6.8522



33.4426, -17.5814, -1.6529

Triad

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



33.4426, -17.0851, 6.8526



33.4426, 1.7563, -19.5335



33.4426, 12.7605, 11.1971

Complementary

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



33.4419, -17.0847, 6.8522



24.1225, 18.1903, -1.1794

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.



33.4426, 17.6241, 4.9569



33.4419, -17.0847, 6.8522



33.4426, 10.8238, -13.6751

Square

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



33.4426, -17.0851, 6.8526



33.4426, -7.3574, -18.6157



33.4426, 16.8790, -4.1403



33.4426, 4.1754, 14.2507

Rectangle

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



33.4419, -17.0847, 6.8522



33.4426, -15.7485, -8.2421



33.4426, 16.8790, -4.1403



33.4426, 14.9251, 9.4862

Sweetspot

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



33.4426, -17.0851, 6.8526



47.4468, -9.6594, 4.4145



34.1551, -15.3096, 15.3412



23.3524, -5.0991, 2.2720



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.



33.4426, -17.0851, 6.8526



43.5858, -25.7637, 10.7492



33.5446, -12.7346, -2.7022



17.7914, -2.5017, 1.3495



35.4415, -26.8002, 13.5550



80.8296, -61.8869, 32.5661

Inverse Universe

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



24.1225, 18.1903, -1.1794



29.0206, 29.9304, -1.3746



23.8899, 14.7483, 7.2058



16.9267, 0.7089, 0.5682



19.6863, 34.9712, 2.9712



44.7670, 79.1650, 9.5462

Previews

White Background



This preview shows how the HunterLab color 33.4419, -17.0847, 6.8522 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 33.4419, -17.0847, 6.8522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

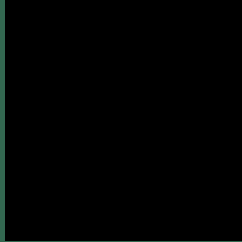
Any Text WCAG AA ✗ Fail

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 33.4419, -17.0847, 6.8522 Background



This preview shows how black text looks on a background with the HunterLab color 33.4419, -17.0847, 6.8522.



This preview shows how white text looks on a background with the HunterLab color 33.4419,

-17.0847, 6.8522.

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

33.4419, -17.0847, 6.8522

Protanopia

33.1502, -2.3904, 8.4796

Deuteranopia

33.1678, 2.0237, 5.8444



Tritanopia

33.3569, -9.8522, -4.8353

Trichromacy



Original Color

33.4419, -17.0847, 6.8522

Protanomaly

32.9834, -8.5063, 7.5542

Deuteranomaly

32.8208, -6.0253, 5.6981

Tritanomaly

33.2114, -12.4935, -0.3829

Monochromacy



Original Color

33.4419, -17.0847, 6.8522

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

31.1373, -7.8484, 3.4664

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4419, -17.0847, 6.8522 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(51, 104, 80)` looks like.

```
.text, #text, p{  
    color:rgb(51, 104, 80)  
}
```

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(51, 104, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 104, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4419, -17.0847, 6.8522 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(51, 104, 80) }
```


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

```
.border{ border-color:rgb(51, 104, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 104, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 104, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 104, 80);  
box-shadow:4px 4px 4px 4px rgb(51, 104,  
80) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.4419, -17.0847, 6.8522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 104, 80) }
```

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

```
.background{ background-color: rgb(51, 104,  
80) }
```

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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