

Converting Colors

HunterLab(33.4477, -3.5166,
14.9970)

Have a look what the booklet for
HunterLab(33.4477, -3.5166,
14.9970) contains.

HunterLab(33.4477, -3.5166, 14.9970)	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(33.4477, -3.5166,
14.9970)**

Conversions

Conversions Part 1

Format	Color
Hex	685E33
RGB	104, 94, 51
RGB Percent	41%, 37%, 20%
CMY	0.5922, 0.6314, 0.8000
CMYK	0.00, 0.10, 0.51, 0.59
HSL	49°, 34%, 30%
HSV	49°, 51%, 41%
XYZ	10.3092, 11.1875, 4.7480
YIQ	92.0880, 19.7630, -11.2530

Conversions

Conversions Part 2

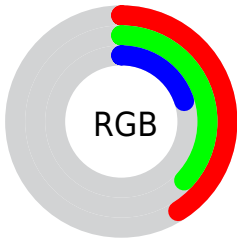
Format	Color
RYB	63, 104, 51
Decimal	6839859
CIELab	39.90, -2.48, 25.97
CIELCh	40, 26.092, 95.444
Yxy	11.1880, 0.3928, 0.4263
Android (android.graphics.Color)	4285029939 (0xFF685E33)
YUV	92.0880, -20.2564, 10.4468
Hunter-Lab	33.4477, -3.5166, 14.9970

Details

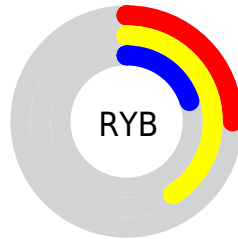
The HunterLab color **33.4477, -3.5166, 14.9970** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **22.4513, 4.6977, -20.6695**, and the grayscale version is **32.8151, -1.7509, 1.7829**.

A 20% lighter version of the original color is **52.8169, -4.9380, 19.4876**, and **17.1379, -2.2873, 10.0235** is the 20% darker color. If you saturate the color by 10%, you get **32.8052, -3.3619, 16.4297**, and if you desaturate by 10%, it is **34.1227, -3.5236, 13.1947**.

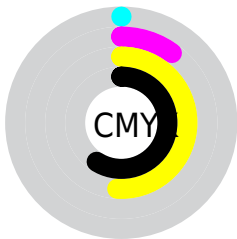
Distribution



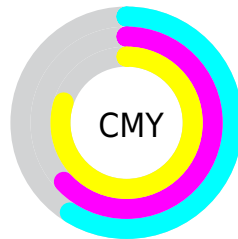
- Red (41%)
- Green (37%)
- Blue (20%)



- Red (25%)
- Yellow (41%)
- Blue (20%)



- Cyan (0%)
- Magenta (10%)
- Yellow (51%)
- Black (59%)



- Cyan (59%)
- Magenta (63%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.4477, -3.5166, 14.9970 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 33.4477, -3.5166, 14.9970 by changing the saturation by 10% instead.

■ 33.4477, -3.5166,
14.9970

■ 33.4477, -3.5166,
14.9970

141.0507,
-10.3485, 33.0731

■ 24.8866, -2.8945,
12.5506

■ 52.9219, -4.8495,
19.4544

■ 17.2135, -2.2988,
10.0440

■ 63.7188, -5.5572,
21.5380

■ 10.5474, -1.7277,
7.3832

■ 75.1639, -6.2920,
23.5558

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.2224, -7.0532,
25.5228

0.0000, NaN, NaN

■ 99.8647, -7.8402,
27.4504

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 113.0648, -8.6521,

126.8002, -9.4884,
31.2195

■ 33.4477, -3.5166,
14.9970

■ 33.4477, -3.5166,
14.9970

■ 32.8052, -3.3619,
16.4297

■ 34.1227, -3.5236,
13.1947

■ 32.1925, -3.0588,
17.4962

■ 34.8281, -3.3783,
11.0226

■ 31.6096, -2.6141,
18.2079

■ 35.5643, -3.0826,
8.4856

■ 31.0551, -2.0370,
18.5849

■ 36.3312, -2.6386,
5.5916

■ 30.5668, -1.4660,
18.8094

■ 37.1283, -2.0493,
2.3506

■ 37.9549, -1.3187,
-1.2254

■ 38.8105, -0.4514,
-5.1233

■ 39.6944, 0.5478,
-9.3293

■ 40.6057, 1.6734,
-13.8289

Harmonies

Analogous

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



33.4485, 6.2257, 14.1672



33.4477, -3.5166, 14.9970



33.4485, -11.8209, 13.1893

Triad

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



33.4485, -3.5178, 14.9973



33.4485, -15.5207, -10.0306



33.4485, 16.6892, -6.3190

Complementary

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



33.4477, -3.5166, 14.9970



22.4513, 4.6977, -20.6695

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.



33.4485, 9.5909, -15.8512



33.4477, -3.5166, 14.9970



33.4485, -9.1090, -18.3827

Square

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



33.4485, -3.5178, 14.9973



33.4485, -18.2329, 0.1136



33.4485, -0.0193, -20.7675



33.4485, 18.6173, 3.4423

Rectangle

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



33.4477, -3.5166, 14.9970



33.4485, -15.6568, 10.3193



33.4485, -0.0193, -20.7675



33.4485, 14.7924, -9.7334

Sweetspot

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



33.4485, -3.5178, 14.9973



47.6641, -3.7814, 9.1743



23.7786, 16.5749, 3.7216



23.4655, -1.9124, 4.8238



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.



33.4485, -3.5178, 14.9973



43.3064, -4.3963, 22.0449



34.9561, -12.2441, 16.0130



17.8458, -1.2367, 2.4217



33.8748, -1.5233, 20.8469



76.5847, -2.1745, 47.1531

Inverse Universe

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



22.4513, 4.6977, -20.6695



25.8228, 9.5535, -36.6769



21.3472, 12.7337, -22.9981



16.8510, -0.5626, -0.6462



13.3881, 21.3732, -62.8726



28.9069, 54.5714, -153.9350

Previews

White Background



This preview shows how the HunterLab color 33.4477, -3.5166, 14.9970 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 33.4477, -3.5166, 14.9970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

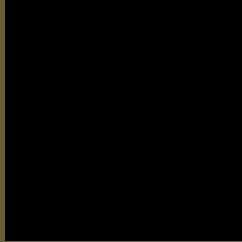
Any Text WCAG AA × Fail

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 33.4477, -3.5166, 14.9970 Background



This preview shows how black text looks on a background with the HunterLab color 33.4477, -3.5166, 14.9970.



This preview shows how white text looks on a background with the HunterLab color 33.4477, -3.5166, 14.9970.

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

33.4477, -3.5166, 14.9970

Protanopia

33.4477, -3.5166, 14.9970

Deuteranopia

33.4740, 1.9242, 14.9058



Tritanopia

33.4327, 4.8574, 1.0609

Trichromacy



Original Color

33.4477, -3.5166, 14.9970

Protanomaly

33.4477, -3.5166, 14.9970

Deuteranomaly

33.3311, 0.1322, 14.7617

Tritanomaly

33.4472, 1.5191, 7.1833

Monochromacy



Original Color

33.4477, -3.5166, 14.9970

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

32.9413, -3.0387, 7.6079

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4477, -3.5166, 14.9970 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(104, 94, 51)` looks like.

```
.text, #text, p{  
    color:rgb(104, 94, 51)  
}
```

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(104, 94, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 94, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4477, -3.5166, 14.9970 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(104, 94, 51) }
```


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

```
.border{ border-color:rgb(104, 94, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 94, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 94, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 94, 51);  
box-shadow:4px 4px 4px 4px rgb(104, 94,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.4477, -3.5166, 14.9970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 94, 51) }
```

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

```
.background{ background-color: rgb(104, 94,  
51) }
```

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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