

Converting Colors

HunterLab(33.7960, -8.3463,
4.9199)

Have a look what the booklet for
HunterLab(33.7960, -8.3463, 4.9199)
contains.

HunterLab(33.7063, -8.2766, 4.7640)	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(33.7063, -8.2766,
4.7640)**

Conversions

Conversions Part 1

Format	Color
Hex	516357
RGB	81, 99, 87
RGB Percent	32%, 39%, 34%
CMY	0.6823, 0.6118, 0.6588
CMYK	0.18, 0.00, 0.12, 0.61
HSL	140°, 10%, 35%
HSV	140°, 18%, 39%
XYZ	9.5755, 11.3611, 10.7051
YIQ	92.2500, -6.8760, -7.5480

Conversions

Conversions Part 2

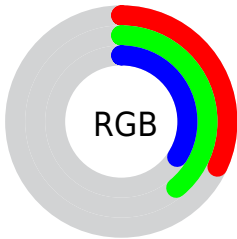
Format	Color
R_{YB}	81, 95, 99
Decimal	5333847
CIE _{Lab}	40.18, -9.51, 4.56
CIE _{LCh}	40, 10.547, 154.393
Yxy	11.3616, 0.3026, 0.3591
Android (android.graphics.Color)	4283523927 (0xFF516357)
YUV	92.2500, -2.5882, -9.8663
Hunter-Lab	33.7063, -8.2766, 4.7640

Details

The HunterLab color $[33.7063, -8.2766, 4.7640]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[30.5420, 5.3710, -1.1908]$, and the grayscale version is $[32.8187, -1.7511, 1.7831]$.

A 20% lighter version of the original color is $[53.2585, -10.6609, 6.2838]$, and $[17.3154, -5.8344, 3.0670]$ is the 20% darker color. If you saturate the color by 10%, you get $[32.9434, -11.4277, 6.3004]$, and if you desaturate by 10%, it is $[34.5605, -4.8592, 3.2044]$.

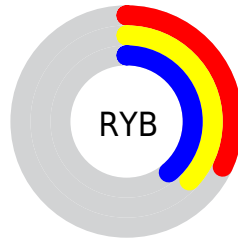
Distribution



Red (32%)

Green (39%)

Blue (34%)



Red (32%)

Yellow (37%)

Blue (39%)

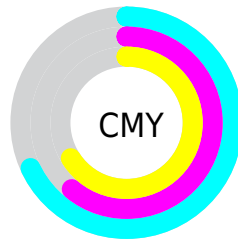


Cyan (18%)

Magenta (0%)

Yellow (12%)

Black (61%)



Cyan (68%)

Magenta (61%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.7063, -8.2766, 4.7640 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 33.7063, -8.2766, 4.7640 by changing the saturation by 10% instead.

■ 33.7063, -8.2766,
4.7640

■ 33.7063, -8.2766,
4.7640

141.4680,
-18.2616, 12.5666

■ 25.1209, -7.1636,
3.9962

■ 53.2231, -10.4639,
6.3516

■ 17.4209, -6.0148,
3.2378

■ 64.0391, -11.5539,
7.1751

■ 10.7236, -4.7958,
2.4821

■ 75.5023, -12.6482,
8.0198

■ 1.4233, -2.4908,
0.9963

■ 87.5781, -13.7497,
8.8861

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.2367,
-14.8605, 9.7740

0.0000, NaN, NaN

113.4525,

0.0000, NaN, NaN

-15.9821, 10.6835

0.0000, NaN, NaN

127.2030,
-17.1155, 11.6145

■ 33.7063, -8.2766,
4.7640

■ 33.7063, -8.2766,
4.7640

■ 32.9434, -11.4277,
6.3004

■ 34.5605, -4.8592,
3.2044

■ 32.2712, -14.2812,
7.7975

■ 35.5012, -1.2044,
1.6335

■ 31.6913, -16.8122,
9.2403

■ 36.5263, 2.6560,
0.0635

■ 31.2032, -19.0004,
10.6131

■ 37.6320, 6.6922,
-1.4958

■ 30.8052, -20.8334,
11.9004

■ 38.8148, 10.8764,
-3.0364

■ 30.4937, -22.3082,
13.0883

■ 40.0707, 15.1833,
-4.5520

■ 30.2635, -23.4336,
14.1643

■ 41.3956, 19.5907,
-6.0379

■ 30.0871, -24.3166,
15.1021

■ 42.7859, 24.0792,
-7.4909

■ 30.0565, -24.4693,
15.2543

■ 44.2376, 28.6322,
-8.9089

Harmonies

Analogous

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



33.7070, -5.9180, 7.1889



33.7063, -8.2766, 4.7640



33.7070, -8.9315, 1.2857

Triad

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



33.7070, -8.2773, 4.7645



33.7070, -1.2261, -6.0495



33.7070, 4.5897, 5.6079

Complementary

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



33.7063, -8.2766, 4.7640



30.5420, 5.3710, -1.1908

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.



33.7070, 5.9779, 2.3747



33.7063, -8.2766, 4.7640



33.7070, 2.5251, -4.5733

Square

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



33.7070, -8.2773, 4.7645



33.7070, -4.9693, -5.2250



33.7070, 5.2059, -1.3840



33.7070, 1.4902, 7.6358

Rectangle

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



33.7063, -8.2766, 4.7640



33.7070, -8.3390, -1.2348



33.7070, 5.2059, -1.3840



33.7070, 5.2782, 4.6403

Sweetspot

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



33.7070, -8.2773, 4.7645



45.6273, -4.9399, 3.5721



34.4400, -5.8902, 7.7168



22.2173, -2.5171, 1.7889



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.7070, -8.2773, 4.7645



43.6876, -12.7206, 7.1393



33.9301, -7.0163, 1.5727



16.9376, -2.5020, 1.6248



34.3054, -28.0008, 17.5669



79.1968, -65.3076, 41.9912

Inverse Universe

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



30.5420, 5.3710, -1.1908



38.5633, 9.4007, -2.4968



30.3028, 4.1107, 2.2123



16.1721, 0.7946, 0.1833



19.9078, 36.6309, -6.8117



45.8303, 84.0088, -13.1998

Previews

White Background



This preview shows how the HunterLab color 33.7063, -8.2766, 4.7640 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 33.7063, -8.2766, 4.7640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

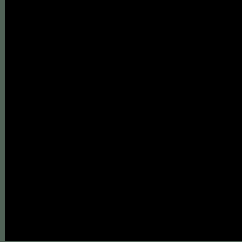
Any Text WCAG AA × Fail

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 33.7063, -8.2766, 4.7640 Background



This preview shows how black text looks on a background with the HunterLab color 33.7063, -8.2766, 4.7640.



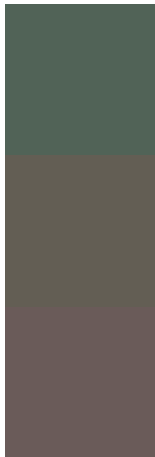
This preview shows how white text looks on a background with the HunterLab color 33.7063, -8.2766,

4.7640.

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

33.7063, -8.2766, 4.7640

Protanopia

33.6127, -1.7423, 5.8866

Deuteranopia

33.5673, 2.3474, 4.0314



Tritanopia

33.8137, -4.1173, -2.2004

Trichromacy



Original Color

33.7063, -8.2766, 4.7640

Protanomaly

33.6109, -4.4569, 5.4724

Deuteranomaly

33.5431, -1.7925, 4.3185

Tritanomaly

33.8470, -5.7590, 0.5141

Monochromacy



Original Color

33.7063, -8.2766, 4.7640

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

33.1622, -4.4111, 3.0633

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.7063, -8.2766, 4.7640 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(81, 99, 87)` looks like.

```
.text, #text, p{  
    color:rgb(81, 99, 87)  
}
```

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(81, 99, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 99, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 33.7063, -8.2766, 4.7640 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(81, 99, 87) }
```


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

```
.border{ border-color:rgb(81, 99, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 99, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 99, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 99, 87);  
box-shadow:4px 4px 4px 4px rgb(81, 99, 87)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.7063, -8.2766, 4.7640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 99, 87) }
```

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

```
.background{ background-color: rgb(81, 99,  
87) }
```

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