

Converting Colors

HunterLab(33.5831, 9.1080,
8.4956)

Have a look what the booklet for
HunterLab(33.5831, 9.1080, 8.4956)
contains.

HunterLab(33.5317, 9.2260, 8.4089) 3
 Conversions 4
 Details 6
 Harmonies 12
 Previews 24
 Color Blindness Simulation 28
 CSS Examples 31

Color

**HunterLab(33.5317, 9.2260,
8.4089)**

Conversions

Conversions Part 1	
Format	Color
Hex	7B554D
RGB	123, 85, 77
RGB Percent	48%, 33%, 30%
CMY	0.5176, 0.6667, 0.6980
CMYK	0.00, 0.31, 0.37, 0.52
HSL	10°, 23%, 39%
HSV	10°, 37%, 48%
XYZ	12.7564, 11.2437, 8.5191
YIQ	95.4500, 25.2160, 5.5680

Conversions

Conversions Part 2

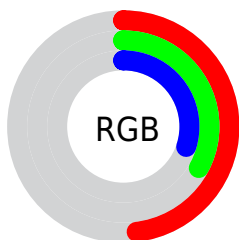
Format	Color
RYB	123, 87, 77
Decimal	8082765
CIELab	39.99, 14.67, 10.99
CIELCh	40, 18.328, 36.847
Yxy	11.2443, 0.3923, 0.3458
Android (android.graphics.Color)	4286272845 (0xFF7B554D)
YUV	95.4500, -9.0959, 24.1613
Hunter-Lab	33.5317, 9.2260, 8.4089

Details

The HunterLab color **33.5317, 9.2260, 8.4089** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **39.0753, -10.0642, -4.5312**, and the grayscale version is **34.0227, -1.8154, 1.8485**.

A 20% lighter version of the original color is **53.0862, 9.8604, 10.8387**, and **17.1422, 8.2426, 5.7307** is the 20% darker color. If you saturate the color by 10%, you get **30.9839, 12.7175, 9.8317**, and if you desaturate by 10%, it is **36.2645, 5.8960, 6.8887**.

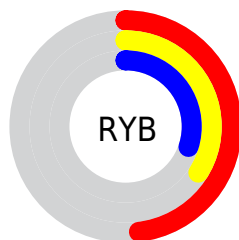
Distribution



Red (48%)

Green (33%)

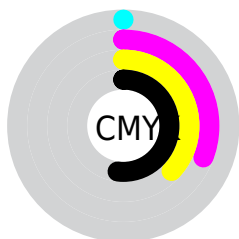
Blue (30%)



Red (48%)

Yellow (34%)

Blue (30%)

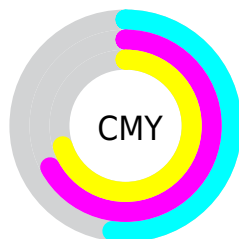


Cyan (0%)

Magenta (31%)

Yellow (37%)

Black (52%)



Cyan (52%)


Magenta (67%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 33.5317, 9.2260, 8.4089 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 33.5317, 9.2260, 8.4089 by changing the saturation by 10% instead.


 33.5317, 9.2260,
8.4089


 33.5317, 9.2260,
8.4089

141.1864, 9.6015,
19.1111


 24.9628, 8.7800,
7.1741

 53.0198, 9.8011,
10.7976

 17.2809, 8.2040,
5.8807


 63.8229, 9.9608,
11.9749

 10.6046, 7.4660,
4.9875


 75.2739, 10.0479,
13.1502

0.0000, INF, NaN

0.0000, NaN, NaN

 87.3381, 10.0694,
14.3278

0.0000, NaN, NaN

 99.9857, 10.0311,
15.5107

0.0000, NaN, NaN


0.0000, NaN, NaN


113.1909, 9.9378,


16.7013


0.0000, NaN, NaN

126.9312, 9.7935,
17.9010


 33.5317, 9.2260,
8.4089


 33.5317, 9.2260,
8.4089


 30.9839, 12.7175,
9.8317


 36.2645, 5.8960,
6.8887


 28.6475, 16.3470,
11.1164


 39.1555, 2.7378,
5.2979


 26.5558, 20.0502,
12.2124


 42.1849, -0.2569,
3.6566


 24.7434, 23.7166,
13.0593


 45.3357, -3.1012,
1.9783


 23.2434, 27.1814,
13.5972


 48.5939, -5.8107,
0.2718


 22.0748, 30.2097,
13.8844

 51.9476, -8.4013,
-1.4568

 21.8221, 30.8808,
13.9873

 55.3874, -10.8880,
-3.2037

 58.9049, -13.2844,
-4.9662

 62.4934, -15.6027,
-6.7429

Harmonies

Analogous

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



33.5325, 12.0729, 3.2622



33.5317, 9.2260, 8.4089



33.5325, 3.4590, 11.2983

Triad

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



33.5325, 9.2245, 8.4094



33.5325, -12.8959, 6.3204



33.5325, -0.2317, -12.8695

Complementary

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



33.5317, 9.2260, 8.4089



39.0753, -10.0642, -4.5312

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.



33.5325, -6.7367, -11.6059



33.5317, 9.2260, 8.4089



33.5325, -13.7142, 0.3218

Square

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



33.5325, 9.2245, 8.4094



33.5325, -9.2152, 10.2690



33.5325, -11.5458, -6.4426



33.5325, 6.3412, -9.6168

Rectangle

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



33.5317, 9.2260, 8.4089



33.5325, -1.0751, 11.9502



33.5325, -11.5458, -6.4426



33.5325, -2.5010, -12.9675

Sweetspot

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



33.5325, 9.2245, 8.4094



54.8610, 1.1832, 5.7505



32.8090, 18.4044, -8.9541



26.4094, 0.7851, 2.9069



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



33.5325, 9.2245, 8.4094



41.8878, 16.4032, 12.9199



39.2451, -1.2023, 13.5541



20.2915, 0.1125, 1.9151



22.1812, 31.4530, 14.2186



47.5130, 71.6565, 30.5318

Inverse Universe

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



39.0753, -10.0642, -4.5312



50.8487, -15.0487, -8.0580



32.7416, -0.0983, -13.7597



20.9749, -2.2349, 0.3260



33.4996, -12.9602, -13.8941



72.4072, -27.2958, -31.5789

Previews

White Background



This preview shows how the HunterLab color 33.5317, 9.2260, 8.4089 looks on a white background.

Color Contrast Check

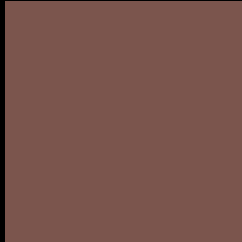
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.5317, 9.2260, 8.4089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

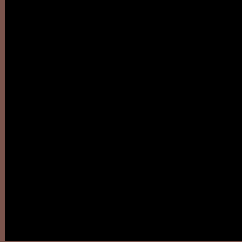
Any Text WCAG AA × Fail

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 33.5317, 9.2260, 8.4089 Background



This preview shows how black text looks on a background with the HunterLab color 33.5317, 9.2260, 8.4089.

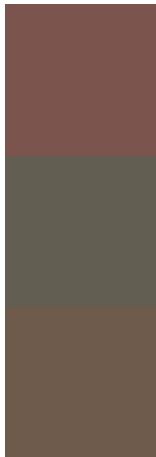


This preview shows how white text looks on a background with the HunterLab color 33.5317, 9.2260,

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

33.5317, 9.2260, 8.4089

Protanopia

33.5667, -1.9944, 6.5487

Deuteranopia

33.6437, 2.0107, 8.7166



Tritanopia

33.4557, 11.9257, 4.0747

Trichromacy



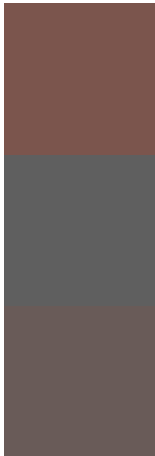
Original Color
33.5317, 9.2260, 8.4089

Protanomaly
33.5403, 1.8333, 7.2835

Deuteranomaly
33.6324, 4.5511, 8.7501

Tritanomaly
33.5881, 10.9572, 5.7179

Monochromacy



Original Color
33.5317, 9.2260, 8.4089

Achromatopsia
33.8283, -1.8050, 1.8380

Achromatomaly
33.4515, 1.9084, 4.2822

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.5317, 9.2260, 8.4089 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(123, 85, 77)` looks like.

```
.text, #text, p{  
    color:rgb(123, 85, 77)  
}
```

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(123, 85, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 85, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 33.5317, 9.2260, 8.4089 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(123, 85, 77) }
```


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

```
.border{ border-color:rgb(123, 85, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 85, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 85, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 85, 77);  
box-shadow:4px 4px 4px 4px rgb(123, 85,  
77) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.5317, 9.2260, 8.4089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 85, 77) }
```

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

```
.background{ background-color: rgb(123, 85,  
77) }
```

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