

Converting Colors

HunterLab(33.5477, 24.9286,
10.7795)

Have a look what the booklet for
HunterLab(33.5477, 24.9286,
10.7795) contains.

HunterLab(33.4844, 25.0434, 10.8115)	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(33.4844, 25.0434,
10.8115)**

Conversions

Conversions Part 1

Format	Color
Hex	954646
RGB	149, 70, 70
RGB Percent	58%, 27%, 27%
CMY	0.4157, 0.7255, 0.7255
CMYK	0.00, 0.53, 0.53, 0.42
HSL	0°, 36%, 43%
HSV	0°, 53%, 58%
XYZ	15.6900, 11.2121, 7.1315
YIQ	93.6210, 47.0840, 16.7480

Conversions

Conversions Part 2

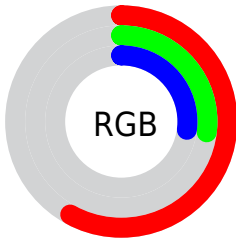
Format	Color
R_{YB}	149, 70, 70
Decimal	9782854
CIE Lab	39.94, 33.18, 15.82
CIE LCh	40, 36.759, 25.495
Yxy	11.2126, 0.4610, 0.3294
Android (android.graphics.Color)	4287972934 (0xFF954646)
YUV	93.6210, -11.6452, 48.5674
Hunter-Lab	33.4844, 25.0434, 10.8115

Details

The HunterLab color **33.4844, 25.0434, 10.8115** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **49.9654, -20.6439, -3.3129**, and the grayscale version is **33.3459, -1.7793, 1.8117**.

A 20% lighter version of the original color is **53.0137, 26.9616, 13.9701**, and **17.3065, 22.1306, 7.4993** is the 20% darker color. If you saturate the color by 10%, you get **30.6737, 30.4543, 12.4233**, and if you desaturate by 10%, it is **36.7773, 19.4653, 9.1810**.

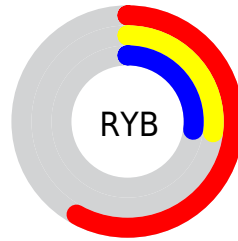
Distribution



Red (58%)

Green (27%)

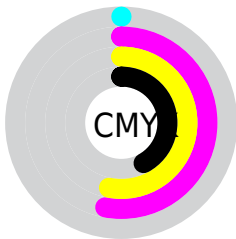
Blue (27%)



Red (58%)

Yellow (27%)

Blue (27%)

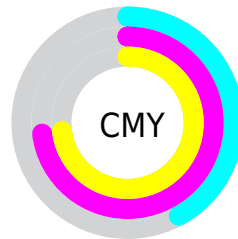


Cyan (0%)

Magenta (53%)

Yellow (53%)

Black (42%)



Cyan (42%)

Magenta (73%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.4844, 25.0434, 10.8115 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 33.4844, 25.0434, 10.8115 by changing the saturation by 10% instead.

■ 33.4844, 25.0434,
10.8115

■ 33.4844, 25.0434,
10.8115

141.1101, 32.3801,
23.8082

■ 24.9200, 23.6839,
9.2002

■ 52.9648, 27.3620,
13.8417

■ 17.2430, 22.1924,
7.4741

■ 63.7644, 28.3468,
15.3002

■ 10.5725, 20.6149,
6.8874

■ 75.2121, 29.2290,
16.7373

0.0000, INF, NaN

0.0000, NaN, NaN

■ 87.2731, 30.0177,
18.1606

0.0000, NaN, NaN

■ 99.9177, 30.7208,
19.5756

0.0000, NaN, NaN

113.1200, 31.3451,

0.0000, NaN, NaN

20.9866

0.0000, NaN, NaN

126.8576, 31.8965,
22.3966

■ 33.4844, 25.0434,
10.8115

■ 33.4844, 25.0434,
10.8115

■ 30.6737, 30.4543,
12.4233

■ 36.7773, 19.4653,
9.1810

■ 28.4177, 35.3591,
13.9041

■ 40.4751, 13.9453,
7.5978

■ 26.7759, 39.3214,
15.1132

■ 44.5130, 8.5931,
6.0953

■ 25.7649, 41.9575,
15.9234

■ 48.8364, 3.4513,
4.6839

■ 25.2779, 43.2873,
16.3339

■ 53.4013, -1.4768,
3.3615

■ 58.1727, -6.2072,
2.1203

■ 63.1228, -10.7631,
0.9504

■ 68.2296, -15.1694,
-0.1580

■ 73.4751, -19.4495,
-1.2142

Harmonies

Analogous

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



33.4853, 28.2521, -0.1775



33.4844, 25.0434, 10.8115



33.4853, 14.2389, 16.4641

Triad

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



33.4853, 25.0411, 10.8121



33.4853, -20.6238, 13.0193



33.4853, -3.8051, -33.3682

Complementary

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



33.4844, 25.0434, 10.8115



49.9654, -20.6439, -3.3129

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.



33.4853, -15.2733, -25.6148



33.4844, 25.0434, 10.8115



33.4853, -23.9548, 3.7067

Square

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



33.4853, 25.0411, 10.8121



33.4853, -12.2550, 17.3382



33.4853, -22.1629, -10.6577



33.4853, 10.1460, -29.0445

Rectangle

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



33.4844, 25.0434, 10.8115



33.4853, 4.9713, 18.0087



33.4853, -22.1629, -10.6577



33.4853, -8.0513, -32.0240

Sweetspot

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



33.4853, 25.0411, 10.8121



63.4042, 6.8607, 6.8789



35.9719, 36.3394, -24.0632



29.3456, 3.8223, 3.4006



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



33.4853, 25.0411, 10.8121



40.2919, 42.3306, 17.0987



42.2800, 6.3180, 18.0377



24.1152, 0.7359, 1.9883



23.1903, 39.7122, 14.9850



2.5658, 4.3928, 1.6579

Inverse Universe

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



49.9654, -20.6439, -3.3129



66.0841, -30.6434, -5.5018



38.1002, -3.5555, -20.8322



25.6168, -3.2709, 0.7535



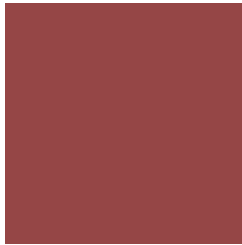
44.6263, -23.6571, -4.7101



4.9373, -2.6174, -0.5209

Previews

White Background



This preview shows how the HunterLab color 33.4844, 25.0434, 10.8115 looks on a white background.

Color Contrast Check

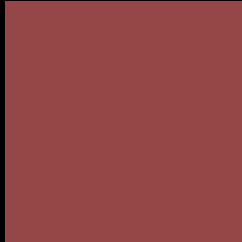
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.4844, 25.0434, 10.8115 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 33.4844, 25.0434, 10.8115 Background



This preview shows how black text looks on a background with the HunterLab color 33.4844, 25.0434, 10.8115.



This preview shows how white text looks on a background with the HunterLab color 33.4844, 25.0434,

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

33.4844, 25.0434, 10.8115

Protanopia

33.6286, -1.8240, 6.9650

Deuteranopia

33.7435, 1.9654, 11.7705



Tritanopia

33.3770, 25.8672, 9.5112

Trichromacy



Original Color

33.4844, 25.0434, 10.8115

Protanomaly

32.9915, 7.5115, 7.8427

Deuteranomaly

33.2075, 10.2098, 11.1600

Tritanomaly

33.3569, 25.7740, 9.8018

Monochromacy



Original Color

33.4844, 25.0434, 10.8115

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

32.7571, 7.1261, 4.7539

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4844, 25.0434, 10.8115 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(149, 70, 70)` looks like.

```
.text, #text, p{  
    color:rgb(149, 70, 70)  
}
```

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(149, 70, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 70, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4844, 25.0434, 10.8115 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(149, 70, 70) }
```


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

```
.border{ border-color:rgb(149, 70, 70) }
```

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

Here you see how a box with a 4 pixel rgb(149, 70, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 70, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 70, 70);  
box-shadow:4px 4px 4px 4px rgb(149, 70,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.4844, 25.0434, 10.8115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 70, 70) }
```

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

```
.background{ background-color: rgb(149, 70,  
70) }
```

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