

Converting Colors

HunterLab(33.9739, 13.5531,
18.4716)

Have a look what the booklet for
HunterLab(33.9739, 13.5531,
18.4716) contains.

HunterLab(33.8959, 13.7687, 18.4804)	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(33.8959, 13.7687,
18.4804)**

Conversions

Conversions Part 1

Format	Color
Hex	8B5122
RGB	139, 81, 34
RGB Percent	55%, 32%, 13%
CMY	0.4549, 0.6823, 0.8667
CMYK	0.00, 0.42, 0.76, 0.45
HSL	27°, 61%, 34%
HSV	27°, 76%, 55%
XYZ	13.8786, 11.4893, 2.9995
YIQ	92.9840, 49.6550, -2.3210

Conversions

Conversions Part 2

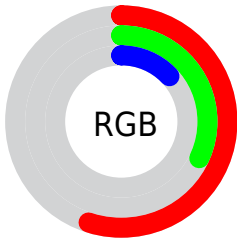
Format	Color
RYB	139, 119, 34
Decimal	9130274
CIELab	40.39, 20.22, 36.83
CIElCh	40, 42.011, 61.232
Yxy	11.4899, 0.4892, 0.4050
Android (android.graphics.Color)	4287320354 (0xFF8B5122)
YUV	92.9840, -29.0791, 40.3560
Hunter-Lab	33.8959, 13.7687, 18.4804

Details

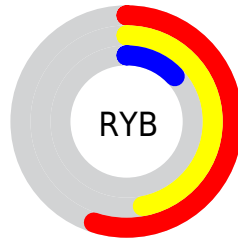
The HunterLab color **33.8959, 13.7687, 18.4804** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **31.3972, -2.9440, -26.8302**, and the grayscale version is **33.1713, -1.7699, 1.8023**.

A 20% lighter version of the original color is **53.4438, 14.5758, 24.5509**, and **17.5695, 12.5048, 11.0452** is the 20% darker color. If you saturate the color by 10%, you get **32.1682, 16.8333, 18.8880**, and if you desaturate by 10%, it is **35.7679, 10.8904, 17.6131**.

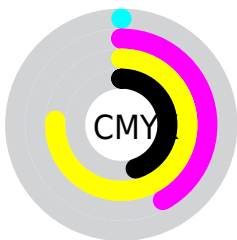
Distribution



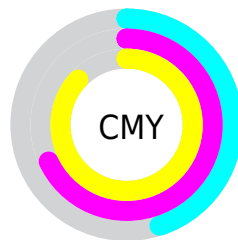
- Red (55%)
- Green (32%)
- Blue (13%)



- Red (55%)
- Yellow (47%)
- Blue (13%)



- Cyan (0%)
- Magenta (42%)
- Yellow (76%)
- Black (45%)



- Cyan (45%)
- Magenta (68%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.8959, 13.7687, 18.4804 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 33.8959, 13.7687, 18.4804 by changing the saturation by 10% instead.

■ 33.8959, 13.7687,
18.4804

■ 33.8959, 13.7687,
18.4804

141.7740, 16.2976,
42.2170

■ 25.2930, 13.0254,
15.1395

■ 53.4440, 14.8943,
24.5111

■ 17.5732, 12.1392,
12.3013

■ 64.2741, 15.3108,
27.2920

■ 10.8533, 11.0859,
7.5973

■ 75.7505, 15.6436,
29.9595

■ 2.0876, 42.0908,
1.4613

■ 87.8389, 15.9011,
32.5357

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.5095, 16.0901,
35.0376

0.0000, NaN, NaN

■ 113.7368, 16.2161,

0.0000, NaN, NaN

37.4785

0.0000, NaN, NaN

127.4983, 16.2840,
39.8688

33.8959, 13.7687,
18.4804

33.8959, 13.7687,
18.4804

32.1682, 16.8333,
18.8880

35.7679, 10.8904,
17.6131

30.5910, 20.0408,
18.8557

37.7704, 8.2273,
16.3088

29.9309, 21.4653,
18.8190

39.8932, 5.7853,
14.6021

42.1257, 3.5628,
12.5309

44.4584, 1.5517,
10.1330

■ 46.8823, -0.2598,
7.4437

■ 49.3896, -1.8855,
4.4950

■ 51.9732, -3.3397,
1.3151

■ 54.6269, -4.6369,
-2.0710

Harmonies

Analogous

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



33.8968, 27.6397, 13.5035



33.8959, 13.7687, 18.4804



33.8968, -2.4491, 19.7172

Triad

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



33.8968, 13.7666, 18.4808



33.8968, -26.7670, 1.2297



33.8968, 15.0770, -32.4735

Complementary

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



33.8959, 13.7687, 18.4804



31.3972, -2.9440, -26.8302

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.



33.8968, -1.1671, -40.5273



33.8959, 13.7687, 18.4804



33.8968, -23.7247, -16.4031

Square

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



33.8968, 13.7666, 18.4808



33.8968, -24.1882, 12.8543



33.8968, -15.0003, -33.6248



33.8968, 28.4868, -14.8414

Rectangle

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



33.8959, 13.7687, 18.4804



33.8968, -11.9470, 19.0657



33.8968, -15.0003, -33.6248



33.8968, 9.6778, -36.6725

Sweetspot

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



33.8968, 13.7666, 18.4808



60.1469, 1.5613, 12.8569



27.2622, 38.8330, -5.2970



28.3760, 1.1450, 6.7046



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



33.8968, 13.7666, 18.4808



41.4591, 25.7132, 25.2794



47.0179, -9.4381, 26.8985



23.2232, -0.6322, 2.6764



28.4939, 20.2500, 17.9123



2.8718, 0.4827, 1.7780

Inverse Universe

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



31.3972, -2.9440, -26.8302



37.4544, 0.4755, -46.1572



19.4682, 21.9782, -62.0075



23.0655, -1.7586, -0.2278



25.4543, 1.7690, -35.6345



2.6894, -0.8225, -1.5859

Previews

White Background



This preview shows how the HunterLab color 33.8959, 13.7687, 18.4804 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 33.8959, 13.7687, 18.4804 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 33.8959, 13.7687, 18.4804 Background



This preview shows how black text looks on a background with the HunterLab color 33.8959, 13.7687, 18.4804.



This preview shows how white text looks on a background with the HunterLab color 33.8959, 13.7687,

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

33.8959, 13.7687, 18.4804

Protanopia

34.1050, -4.2252, 17.7535

Deuteranopia

34.0208, 2.0300, 18.7398



Tritanopia

33.9542, 20.8178, 7.3478

Trichromacy



Original Color

33.8959, 13.7687, 18.4804

Protanomaly

33.9672, 1.9513, 17.9095

Deuteranomaly

33.8123, 6.4024, 18.5509

Tritanomaly

33.9016, 17.8767, 12.4567

Monochromacy



Original Color

33.8959, 13.7687, 18.4804

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

33.0570, 2.4791, 9.4168

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.8959, 13.7687, 18.4804 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(139, 81, 34)` looks like.

```
.text, #text, p{  
    color:rgb(139, 81, 34)  
}
```

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(139, 81, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 81, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 33.8959, 13.7687, 18.4804 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(139, 81, 34) }
```


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

```
.border{ border-color:rgb(139, 81, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 81, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 81, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 81, 34);  
box-shadow:4px 4px 4px 4px rgb(139, 81,  
34) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.8959, 13.7687, 18.4804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 81, 34) }
```

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

```
.background{ background-color: rgb(139, 81,  
34) }
```

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