

Converting Colors

HunterLab(33.5425, 1.8186,
17.0086)

Have a look what the booklet for
HunterLab(33.5425, 1.8186,
17.0086) contains.

HunterLab(33.5475, 1.9094, 16.9977)	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(33.5475, 1.9094,
16.9977)**

Conversions

Conversions Part 1

Format	Color
Hex	755A29
RGB	117, 90, 41
RGB Percent	46%, 35%, 16%
CMY	0.5412, 0.6470, 0.8392
CMYK	0.00, 0.23, 0.65, 0.54
HSL	39°, 48%, 31%
HSV	39°, 65%, 46%
XYZ	11.3925, 11.2543, 3.6697
YIQ	92.4870, 31.8210, -9.5150

Conversions

Conversions Part 2

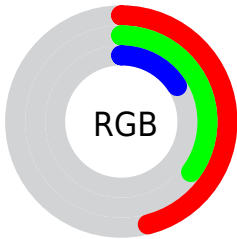
Format	Color
RYB	83, 117, 41
Decimal	7690793
CIELab	40.01, 5.12, 31.96
CIElCh	40, 32.366, 80.896
Yxy	11.2549, 0.4329, 0.4277
Android (android.graphics.Color)	4285880873 (0xFF755A29)
YUV	92.4870, -25.3831, 21.4979
Hunter-Lab	33.5475, 1.9094, 16.9977

Details

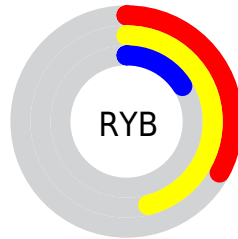
The HunterLab color **33.5475, 1.9094, 16.9977** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **24.2688, 3.0751, -26.1074**, and the grayscale version is **32.9782, -1.7596, 1.7918**.

A 20% lighter version of the original color is **53.0270, 1.2347, 22.3737**, and **17.4213, 2.1480, 10.7725** is the 20% darker color. If you saturate the color by 10%, you get **32.4088, 3.1936, 17.8636**, and if you desaturate by 10%, it is **34.7419, 0.7985, 15.7350**.

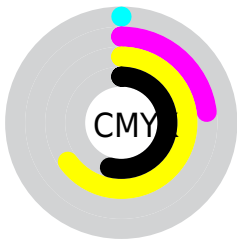
Distribution



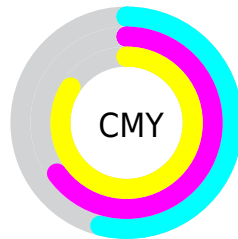
- Red (46%)
- Green (35%)
- Blue (16%)



- Red (33%)
- Yellow (46%)
- Blue (16%)



- Cyan (0%)
- Magenta (23%)
- Yellow (65%)
- Black (54%)



- Cyan (54%)
- Magenta (65%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.5475, 1.9094, 16.9977 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 33.5475, 1.9094, 16.9977 by changing the saturation by 10% instead.

■ 33.5475, 1.9094,
16.9977

■ 33.5475, 1.9094,
16.9977

141.2119, -1.6459,
38.1853

■ 24.9771, 2.0346,
14.0514

■ 53.0382, 1.4533,
22.3251

■ 17.2936, 2.0777,
11.4978

■ 63.8425, 1.1413,
24.7923

■ 10.6154, 2.0159,
7.4308

■ 75.2946, 0.7800,
27.1668

■ 0.2684, 83.1429,
0.1878

■ 87.3598, 0.3736,
29.4679

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.0084, -0.0747,
31.7102

0.0000, NaN, NaN

■ 113.2146, -0.5621,

0.0000, NaN, NaN

33.9050

0.0000, NaN, NaN

126.9558, -1.0865,
36.0610

■ 33.5475, 1.9094,
16.9977

■ 33.5475, 1.9094,
16.9977

■ 32.4088, 3.1936,
17.8636

■ 34.7419, 0.7985,
15.7350

■ 31.3247, 4.6504,
18.3325

■ 35.9877, -0.1340,
14.0830

■ 30.2948, 6.2578,
18.4454

■ 37.2838, -0.8919,
12.0560

■ 29.7889, 7.0842,
18.4798

■ 38.6279, -1.4800,
9.6716

■ 40.0176, -1.9046,
6.9493

■ 41.4509, -2.1729,
3.9095

■ 42.9255, -2.2929,
0.5725

■ 44.4393, -2.2726,
-3.0420

■ 45.9902, -2.1200,
-6.9150

Harmonies

Analogous

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



33.5483, 13.9033, 14.7113



33.5475, 1.9094, 16.9977



33.5483, -9.5731, 16.4658

Triad

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



33.5483, 1.9079, 16.9980



33.5483, -20.6126, -6.9072



33.5483, 17.8861, -15.0185

Complementary

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



33.5475, 1.9094, 16.9977



24.2688, 3.0751, -26.1074

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.



33.5483, 6.7704, -25.5556



33.5475, 1.9094, 16.9977



33.5483, -15.0448, -19.8505

Square

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



33.5483, 1.9079, 16.9980



33.5483, -21.5365, 5.0925



33.5483, -5.3379, -27.5797



33.5483, 23.9380, -1.8057

Rectangle

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



33.5475, 1.9094, 16.9977



33.5483, -15.5029, 14.4695



33.5483, -5.3379, -27.5797



33.5483, 14.5504, -19.1590

Sweetspot

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



33.5483, 1.9079, 16.9980



52.7000, -2.3175, 11.0057



24.0746, 26.0758, 1.4784



25.0669, -1.0477, 5.6716



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



33.5483, 1.9079, 16.9980



42.6255, 5.2320, 24.2878



40.0002, -12.8409, 21.3135



20.1440, -1.0263, 2.5573



31.2208, 7.5287, 19.3699



67.7058, 19.0196, 42.0530

Inverse Universe

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



24.2688, 3.0751, -26.1074



27.9469, 8.4895, -46.5668



18.9146, 17.6325, -40.7905



19.4502, -1.0251, -0.5011



17.8266, 13.0524, -50.4581



37.4198, 33.7019, -119.5241

Previews

White Background



This preview shows how the HunterLab color 33.5475, 1.9094, 16.9977 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 33.5475, 1.9094, 16.9977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

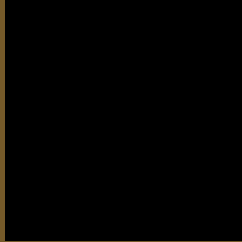
Any Text WCAG AA × Fail

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 33.5475, 1.9094, 16.9977 Background



This preview shows how black text looks on a background with the HunterLab color 33.5475, 1.9094, 16.9977.



This preview shows how white text looks on a background with the HunterLab color 33.5475, 1.9094,

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

33.5475, 1.9094, 16.9977

Protanopia

33.6969, -4.2186, 16.8359

Deuteranopia

33.5475, 1.9094, 16.9977



Tritanopia

33.6412, 10.2226, 3.4648

Trichromacy



Original Color

33.5475, 1.9094, 16.9977

Protanomaly

33.5367, -2.0630, 16.7564

Deuteranomaly

33.5475, 1.9094, 16.9977

Tritanomaly

33.6013, 6.8391, 9.7024

Monochromacy



Original Color

33.5475, 1.9094, 16.9977

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

32.7565, -1.1390, 8.7553

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.5475, 1.9094, 16.9977 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(117, 90, 41)` looks like.

```
.text, #text, p{  
    color:rgb(117, 90, 41)  
}
```

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(117, 90, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 90, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 33.5475, 1.9094, 16.9977 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(117, 90, 41) }
```


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

```
.border{ border-color:rgb(117, 90, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 90, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 90, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 90, 41);  
box-shadow:4px 4px 4px 4px rgb(117, 90,  
41) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.5475, 1.9094, 16.9977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 90, 41) }
```

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

```
.background{ background-color: rgb(117, 90,  
41) }
```

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