

Converting Colors

HunterLab(33.8304, 7.9402,
16.4545)

Have a look what the booklet for
HunterLab(33.8304, 7.9402,
16.4545) contains.

HunterLab(33.8261, 7.9437, 16.4520)	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(33.8261, 7.9437,
16.4520)**

Conversions

Conversions Part 1

Format	Color
Hex	80562E
RGB	128, 86, 46
RGB Percent	50%, 34%, 18%
CMY	0.4980, 0.6627, 0.8196
CMYK	0.00, 0.33, 0.64, 0.50
HSL	29°, 47%, 34%
HSV	29°, 64%, 50%
XYZ	12.7230, 11.4421, 4.1227
YIQ	93.9980, 37.8720, -3.5360

Conversions

Conversions Part 2

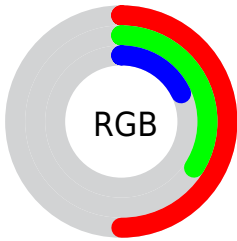
Format	Color
R_{YB}	128, 124, 46
Decimal	8410670
CIE _{Lab}	40.32, 13.03, 29.94
CIE _{LCh}	40, 32.650, 66.475
Yxy	11.4426, 0.4498, 0.4045
Android (android.graphics.Color)	4286600750 (0xFF80562E)
YUV	93.9980, -23.6630, 29.8198
Hunter-Lab	33.8261, 7.9437, 16.4520

Details

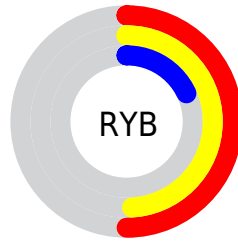
The HunterLab color **33.8261, 7.9437, 16.4520** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **30.1966, -2.5244, -21.5350**, and the grayscale version is **33.5315, -1.7892, 1.8218**.

A 20% lighter version of the original color is **53.4687, 8.4084, 21.6109**, and **17.5549, 6.8460, 10.9371** is the 20% darker color. If you saturate the color by 10%, you get **32.1822, 10.2830, 17.3324**, and if you desaturate by 10%, it is **35.5731, 5.7995, 15.1702**.

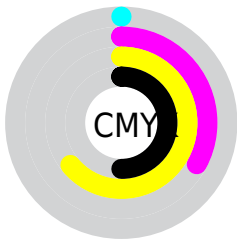
Distribution



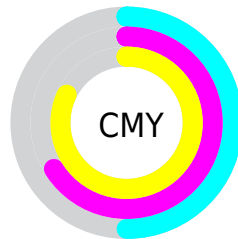
- Red (50%)
- Green (34%)
- Blue (18%)



- Red (50%)
- Yellow (49%)
- Blue (18%)



- Cyan (0%)
- Magenta (33%)
- Yellow (64%)
- Black (50%)



- Cyan (50%)
- Magenta (66%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.8261, 7.9437, 16.4520 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 33.8261, 7.9437, 16.4520 by changing the saturation by 10% instead.

33.8261, 7.9437,
16.4520

33.8261, 7.9437,
16.4520

141.6614, 7.6431,
36.5578

25.2297, 7.5944,
13.6822

53.3627, 8.3422,
21.4740

17.5171, 7.1224,
11.0572

64.1876, 8.4210,
23.8074

10.8056, 6.4954,
7.5639

75.6592, 8.4309,
26.0578

1.8709, 30.2535,
1.3096

87.7429, 8.3787,
28.2431

0.0000, NaN, NaN

0.0000, NaN, NaN

100.4091, 8.2698,
30.3765

0.0000, NaN, NaN

113.6322, 8.1085,

0.0000, NaN, NaN

32.4683

0.0000, NaN, NaN

127.3896, 7.8985,
34.5266

■ 33.8261, 7.9437,
16.4520

■ 33.8261, 7.9437,
16.4520

■ 32.1822, 10.2830,
17.3324

■ 35.5731, 5.7995,
15.1702

■ 30.6466, 12.8107,
17.7916

■ 37.4130, 3.8581,
13.5132

■ 29.2263, 15.4971,
17.8376

■ 39.3394, 2.1135,
11.5121

■ 28.4305, 17.1057,
17.8182

■ 41.3453, 0.5576,
9.1982

■ 43.4243, -0.8202,
6.6015

■ 45.5709, -2.0317,
3.7496

■ 47.7796, -3.0891,
0.6677

■ 50.0459, -4.0044,
-2.6216

■ 52.3655, -4.7892,
-6.0986

Harmonies

Analogous

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



33.8269, 18.9018, 12.4938



33.8261, 7.9437, 16.4520



33.8269, -4.3788, 17.2314

Triad

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



33.8269, 7.9420, 16.4524



33.8269, -21.8788, -0.7384



33.8269, 13.0902, -21.0947

Complementary

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



33.8261, 7.9437, 16.4520



30.1966, -2.5244, -21.5350

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.



33.8269, 0.8446, -28.1760



33.8261, 7.9437, 16.4520



33.8269, -18.4870, -14.0470

Square

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



33.8269, 7.9420, 16.4524



33.8269, -20.5291, 9.5070



33.8269, -10.5629, -25.2250



33.8269, 22.1529, -8.1849

Rectangle

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



33.8261, 7.9437, 16.4520



33.8269, -11.5241, 16.2207



33.8269, -10.5629, -25.2250



33.8269, 9.1487, -24.4092

Sweetspot

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



33.8269, 7.9420, 16.4524



56.1252, -0.1340, 10.6560



26.9331, 30.1161, -3.3769



26.8335, 0.1550, 5.5559



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



33.8269, 7.9420, 16.4524



41.7242, 15.1950, 23.3558



44.5765, -10.1858, 23.8514



21.5953, -0.7000, 2.5319



28.3153, 17.0222, 17.7458

0.0000, NaN, NaN

Inverse Universe

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



30.1966, -2.5244, -21.5350



35.9947, -0.6912, -37.0590



20.4986, 16.8478, -46.1422



21.3247, -1.5197, -0.2690



23.1527, 3.9752, -37.5203

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 33.8261, 7.9437, 16.4520 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 33.8261, 7.9437, 16.4520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

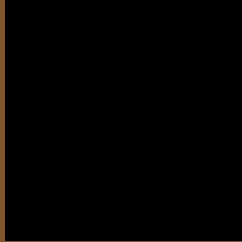
Any Text WCAG AA × Fail

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 33.8261, 7.9437, 16.4520 Background



This preview shows how black text looks on a background with the HunterLab color 33.8261, 7.9437, 16.4520.



This preview shows how white text looks on a background with the HunterLab color 33.8261, 7.9437,

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

33.8261, 7.9437, 16.4520

Protanopia

33.7778, -3.7701, 15.6473

Deuteranopia

33.9458, 2.0440, 16.6169



Tritanopia

33.7613, 15.0578, 5.2323

Trichromacy



Original Color

33.8261, 7.9437, 16.4520

Protanomaly

33.7319, 0.0815, 15.8718

Deuteranomaly

33.8700, 4.3490, 16.6008

Tritanomaly

33.7642, 12.1180, 10.2516

Monochromacy



Original Color

33.8261, 7.9437, 16.4520

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

33.2899, 0.8559, 8.0232

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.8261, 7.9437, 16.4520 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(128, 86, 46)` looks like.

```
.text, #text, p{  
    color:rgb(128, 86, 46)  
}
```

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(128, 86, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 86, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 33.8261, 7.9437, 16.4520 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(128, 86, 46) }
```


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

```
.border{ border-color:rgb(128, 86, 46) }
```

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

Here you see how a box with a 4 pixel rgb(128, 86, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 86, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 86, 46);  
box-shadow:4px 4px 4px 4px rgb(128, 86,  
46) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.8261, 7.9437, 16.4520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 86, 46) }
```

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

```
.background{ background-color: rgb(128, 86,  
46) }
```

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](#).

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