

Converting Colors

HunterLab(37.7591, 7.4473,
17.1883)

Have a look what the booklet for
HunterLab(37.7591, 7.4473,
17.1883) contains.

HunterLab(37.7600, 7.2850, 17.1096)	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(37.7600, 7.2850,
17.1096)**

Conversions

Conversions Part 1

Format	Color
Hex	8A613A
RGB	138, 97, 58
RGB Percent	54%, 38%, 23%
CMY	0.4588, 0.6196, 0.7725
CMYK	0.00, 0.30, 0.58, 0.46
HSL	29°, 41%, 38%
HSV	29°, 58%, 54%
XYZ	15.5197, 14.2582, 5.9372
YIQ	104.8130, 36.9550, -3.4370

Conversions

Conversions Part 2

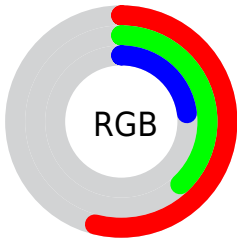
Format	Color
R_YB	138, 134, 58
Decimal	9068858
CIE _{Lab}	44.60, 12.07, 28.64
CIE _{LCh}	45, 31.085, 67.145
Yxy	14.2589, 0.4345, 0.3992
Android (android.graphics.Color)	4287258938 (0xFF8A613A)
YUV	104.8130, -23.0788, 29.1050
Hunter-Lab	37.7600, 7.2850, 17.1096

Details

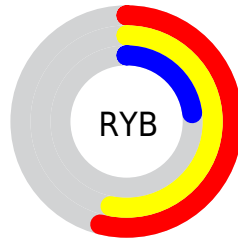
The HunterLab color **37.7600, 7.2850, 17.1096** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **34.1434, -3.3204, -20.7727**, and the grayscale version is **37.5897, -2.0057, 2.0423**.

A 20% lighter version of the original color is **58.0429, 7.4127, 21.9669**, and **20.8039, 6.5178, 11.8482** is the 20% darker color. If you saturate the color by 10%, you get **35.8992, 9.7221, 18.3227**, and if you desaturate by 10%, it is **39.7297, 5.0654, 15.4712**.

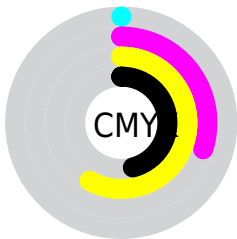
Distribution



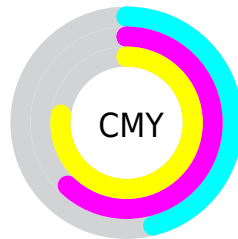
- Red (54%)
- Green (38%)
- Blue (23%)



- Red (54%)
- Yellow (53%)
- Blue (23%)



- Cyan (0%)
- Magenta (30%)
- Yellow (58%)
- Black (46%)



- Cyan (46%)
- Magenta (62%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7600, 7.2850, 17.1096 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 37.7600, 7.2850, 17.1096 by changing the saturation by 10% instead.

37.7600, 7.2850,
17.1096

37.7600, 7.2850,
17.1096

147.9309, 6.3645,
36.2989

28.8114, 7.0360,
14.5317

57.9203, 7.5112,
21.8358

20.7078, 6.6781,
11.7384

69.0270, 7.5140,
24.0507

13.5499, 6.1841,
9.4849

80.7649, 7.4531,
26.1964

7.1377, 6.9894,
4.9964

93.1016, 7.3345,
28.2876

0.0000, NaN, NaN

0.0000, NaN, NaN

106.0094, 7.1626,
30.3356

0.0000, NaN, NaN

119.4641, 6.9416,

0.0000, NaN, NaN

32.3492

0.0000, NaN, NaN

133.4443, 6.6746,
34.3351

■ 37.7600, 7.2850,
17.1096

■ 37.7600, 7.2850,
17.1096

■ 35.8992, 9.7221,
18.3227

■ 39.7297, 5.0654,
15.4712

■ 34.1529, 12.3753,
19.0822

■ 41.7970, 3.0669,
13.4391

■ 32.5303, 15.2238,
19.3745

■ 43.9551, 1.2803,
11.0486

■ 31.0336, 18.2062,
19.2878

■ 46.1966, -0.3052,
8.3337

■ 30.7425, 18.8088,
19.2727

■ 48.5149, -1.7024,
5.3261

■ 50.9039, -2.9246,
2.0550

■ 53.3582, -3.9853,
-1.4537

■ 55.8730, -4.8976,
-5.1767

■ 58.4440, -5.6739,
-9.0937

Harmonies

Analogous

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



37.7609, 17.9979, 12.9741



37.7600, 7.2850, 17.1096



37.7609, -4.8197, 17.8977

Triad

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



37.7609, 7.2832, 17.1100



37.7609, -22.1362, -0.7521



37.7609, 12.8096, -19.7247

Complementary

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



37.7600, 7.2850, 17.1096



34.1434, -3.3204, -20.7727

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.



37.7609, 0.8702, -26.5317



37.7600, 7.2850, 17.1096



37.7609, -18.5730, -13.5833

Square

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



37.7609, 7.2832, 17.1100



37.7609, -20.8657, 9.5669



37.7609, -10.4957, -23.9915



37.7609, 21.4542, -7.4089

Rectangle

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



37.7600, 7.2850, 17.1096



37.7609, -11.8954, 16.7427



37.7609, -10.4957, -23.9915



37.7609, 8.9947, -22.8823

Sweetspot

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



37.7609, 7.2832, 17.1100



61.5172, -0.5247, 10.8328



30.5561, 29.8439, -3.7165



28.8941, -0.0910, 5.4319



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



37.7609, 7.2832, 17.1100



46.8262, 14.1183, 24.7521



48.4824, -10.6816, 24.7920



23.2912, -0.7468, 2.7503



29.4862, 17.8953, 18.4825



2.9477, 0.3418, 1.8223

Inverse Universe

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



34.1434, -3.3204, -20.7727



41.0669, -2.2667, -35.9248



24.2838, 15.6735, -43.4683



22.9963, -1.6450, -0.3118



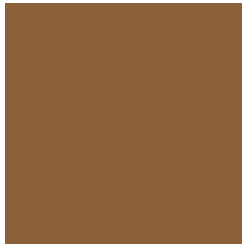
24.1057, 4.2455, -39.2950



2.6060, -0.7035, -1.7385

Previews

White Background



This preview shows how the HunterLab color 37.7600, 7.2850, 17.1096 looks on a white background.

Color Contrast Check

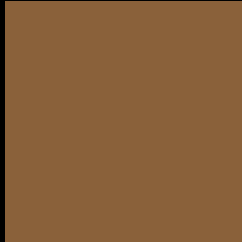
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.7600, 7.2850, 17.1096 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 37.7600, 7.2850, 17.1096 Background



This preview shows how black text looks on a background with the HunterLab color 37.7600, 7.2850, 17.1096.



This preview shows how white text looks on a background with the HunterLab color 37.7600, 7.2850,

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

37.7600, 7.2850, 17.1096

Protanopia

37.8919, -4.1345, 16.3684

Deuteranopia

37.8795, 2.5016, 17.3262



Tritanopia

37.7066, 14.7921, 4.9323

Trichromacy



Original Color

37.7600, 7.2850, 17.1096

Protanomaly

37.8310, -0.2508, 16.6070

Deuteranomaly

37.9425, 4.0202, 17.4016

Tritanomaly

37.7107, 11.7201, 10.2552

Monochromacy



Original Color

37.7600, 7.2850, 17.1096

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

37.4022, 0.6396, 8.4228

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.7600, 7.2850, 17.1096 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(138, 97, 58)` looks like.

```
.text, #text, p{  
    color:rgb(138, 97, 58)  
}
```

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(138, 97, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 97, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 37.7600, 7.2850, 17.1096 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(138, 97, 58) }
```


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

```
.border{ border-color:rgb(138, 97, 58) }
```

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

Here you see how a box with a 4 pixel rgb(138, 97, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 97, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 97, 58);  
box-shadow:4px 4px 4px 4px rgb(138, 97,  
58) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.7600, 7.2850, 17.1096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 97, 58) }
```

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

```
.background{ background-color: rgb(138, 97,  
58) }
```

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