

Converting Colors

HunterLab(37.6589, 6.8521,
14.8218)

Have a look what the booklet for
HunterLab(37.6589, 6.8521,
14.8218) contains.

HunterLab(37.5734, 6.9784, 14.6451)	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(37.5734, 6.9784,
14.6451)**

Conversions

Conversions Part 1

Format	Color
Hex	876144
RGB	135, 97, 68
RGB Percent	53%, 38%, 27%
CMY	0.4706, 0.6196, 0.7333
CMYK	0.00, 0.28, 0.50, 0.47
HSL	26°, 33%, 40%
HSV	26°, 50%, 53%
XYZ	15.3097, 14.1176, 7.3868
YIQ	105.0560, 31.9570, -0.9630

Conversions

Conversions Part 2

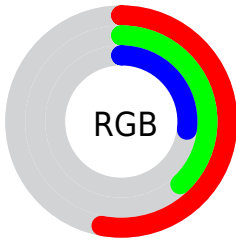
Format	Color
R_{YB}	135, 119, 68
Decimal	8872260
CIE _{Lab}	44.40, 11.70, 22.57
CIE _{LCh}	44, 25.421, 62.606
Yxy	14.1183, 0.4159, 0.3835
Android (android.graphics.Color)	4287062340 (0xFF876144)
YUV	105.0560, -18.2686, 26.2609
Hunter-Lab	37.5734, 6.9784, 14.6451

Details

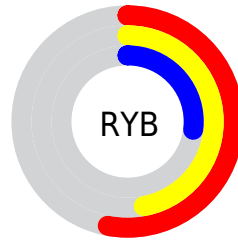
The HunterLab color **37.5734, 6.9784, 14.6451** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **36.4494, -5.4571, -14.9206**, and the grayscale version is **37.6654, -2.0097, 2.0464**.

A 20% lighter version of the original color is **57.8025, 7.0403, 18.4782**, and **20.6703, 6.2794, 10.3681** is the 20% darker color. If you saturate the color by 10%, you get **35.5312, 9.5126, 16.1336**, and if you desaturate by 10%, it is **39.7322, 4.6532, 12.8003**.

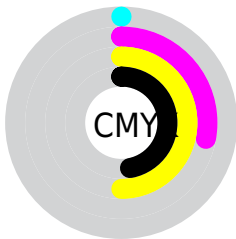
Distribution



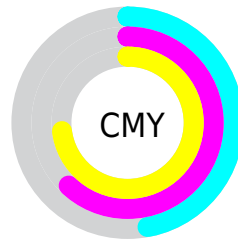
- Red (53%)
- Green (38%)
- Blue (27%)



- Red (53%)
- Yellow (47%)
- Blue (27%)



- Cyan (0%)
- Magenta (28%)
- Yellow (50%)
- Black (47%)



- Cyan (47%)
- Magenta (62%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5734, 6.9784, 14.6451 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 37.5734, 6.9784, 14.6451 by changing the saturation by 10% instead.

■ 37.5734, 6.9784,
14.6451

■ 37.5734, 6.9784,
14.6451

147.6365, 5.9183,
30.8201

■ 28.6409, 6.7488,
12.5480

■ 57.7051, 7.1689,
18.5354

■ 20.5551, 6.4115,
10.2897

■ 68.7988, 7.1551,
20.3804

■ 13.4174, 5.9391,
8.6938

■ 80.5243, 7.0784,
22.1810

■ 6.9810, 6.9281,
4.8867

■ 92.8494, 6.9444,
23.9481

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.7460, 6.7578,
25.6899

0.0000, NaN, NaN

119.1900, 6.5226,

0.0000, NaN, NaN

27.4128

0.0000, NaN, NaN

133.1599, 6.2418,
29.1215

■ 37.5734, 6.9784,
14.6451

■ 37.5734, 6.9784,
14.6451

■ 35.5312, 9.5126,
16.1336

■ 39.7322, 4.6532,
12.8003

■ 33.6142, 12.2580,
17.2272

■ 41.9943, 2.5369,
10.6355

■ 31.8350, 15.1980,
17.8944

■ 44.3513, 0.6177,
8.1866

■ 30.2051, 18.3005,
18.1171

■ 46.7947, -1.1171,
5.4860

■ 28.7255, 21.4656,
18.0466

■ 49.3168, -2.6815,
2.5622

■ 28.6731, 21.5810,
18.0461

■ 51.9111, -4.0897,
-0.5599

■ 54.5716, -5.3554,
-3.8587

■ 57.2932, -6.4914,
-7.3158

■ 60.0713, -7.5098,
-10.9152

Harmonies

Analogous

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



37.5743, 15.0529, 10.4134



37.5734, 6.9784, 14.6451



37.5743, -2.8521, 15.8150

Triad

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



37.5743, 6.9767, 14.6456



37.5743, -18.9006, 1.2286



37.5743, 8.5941, -16.2066

Complementary

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



37.5734, 6.9784, 14.6451



36.4494, -5.4571, -14.9206

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.



37.5743, -1.1541, -20.3788



37.5734, 6.9784, 14.6451



37.5743, -16.4789, -8.8410

Square

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



37.5743, 6.9767, 14.6456



37.5743, -17.1905, 9.3348



37.5743, -10.2185, -17.3914



37.5743, 16.0514, -7.0802

Rectangle

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



37.5734, 6.9784, 14.6451



37.5743, -8.9187, 15.0262



37.5743, -10.2185, -17.3914



37.5743, 5.4438, -18.3265

Sweetspot

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



37.5743, 6.9767, 14.6456



60.7418, -0.1992, 9.4428



32.1691, 25.3660, -5.4129



28.9439, 0.1126, 4.8590



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.



37.5743, 6.9767, 14.6456



47.0962, 13.3402, 21.8800



46.2371, -7.7953, 21.3417



22.3512, -0.5726, 2.5436



27.5808, 20.6089, 17.3559



2.0104, 0.3796, 1.2455

Inverse Universe

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



36.4494, -5.4571, -14.9206



45.2557, -6.6202, -26.0075



27.9650, 9.6454, -31.1964



22.2489, -1.7315, -0.1799



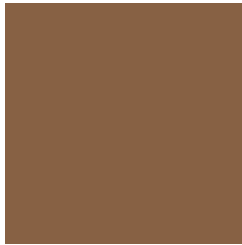
25.4513, 0.8013, -33.5418



1.9231, -0.6116, -1.0834

Previews

White Background



This preview shows how the HunterLab color 37.5734, 6.9784, 14.6451 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 37.5734, 6.9784, 14.6451 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 37.5734, 6.9784, 14.6451 Background



This preview shows how black text looks on a background with the HunterLab color 37.5734, 6.9784, 14.6451.



This preview shows how white text looks on a background with the HunterLab color 37.5734, 6.9784,

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

37.5734, 6.9784, 14.6451

Protanopia

37.5972, -3.4658, 13.7058

Deuteranopia

37.7156, 2.2409, 14.9316



Tritanopia

37.6192, 13.3866, 4.4133

Trichromacy



Original Color

37.5734, 6.9784, 14.6451

Protanomaly

37.5267, 0.3640, 13.9754

Deuteranomaly

37.7696, 3.7360, 15.0030

Tritanomaly

37.4544, 11.0919, 8.6585

Monochromacy



Original Color

37.5734, 6.9784, 14.6451

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

37.4011, 0.8182, 7.0098

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5734, 6.9784, 14.6451 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(135, 97, 68)` looks like.

```
.text, #text, p{  
    color:rgb(135, 97, 68)  
}
```

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(135, 97, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 97, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5734, 6.9784, 14.6451 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(135, 97, 68) }
```


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

```
.border{ border-color:rgb(135, 97, 68) }
```

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

Here you see how a box with a 4 pixel rgb(135, 97, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 97, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 97, 68);  
box-shadow:4px 4px 4px 4px rgb(135, 97,  
68) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5734, 6.9784, 14.6451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 97, 68) }
```

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

```
.background{ background-color: rgb(135, 97,  
68) }
```

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