

Converting Colors

HunterLab(37.3707, 0.9732,
8.8994)

Have a look what the booklet for
HunterLab(37.3707, 0.9732, 8.8994)
contains.

HunterLab(37.4732, 0.8375, 8.8391)	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(37.4732, 0.8375,
8.8391)**

Conversions

Conversions Part 1

Format	Color
Hex	766657
RGB	118, 102, 87
RGB Percent	46%, 40%, 34%
CMY	0.5373, 0.6000, 0.6588
CMYK	0.00, 0.14, 0.26, 0.54
HSL	29°, 15%, 40%
HSV	29°, 26%, 46%
XYZ	13.9429, 14.0424, 10.9924
YIQ	105.0740, 14.3510, -1.2730

Conversions

Conversions Part 2

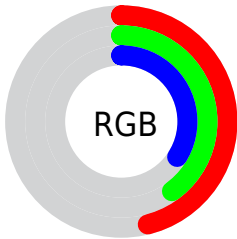
Format	Color
R_{YB}	118, 116, 87
Decimal	7759447
CIE Lab	44.29, 3.81, 10.83
CIE LCh	44, 11.480, 70.613
Yxy	14.0430, 0.3577, 0.3603
Android (android.graphics.Color)	4285949527 (0xFF766657)
YUV	105.0740, -8.9105, 11.3361
Hunter-Lab	37.4732, 0.8375, 8.8391

Details

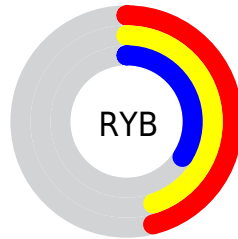
The HunterLab color $[37.4732, 0.8375, 8.8391]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[36.1032, -3.6002, -5.9638]$, and the grayscale version is $[37.6426, -2.0085, 2.0452]$.

A 20% lighter version of the original color is $[57.6598, 0.3298, 11.1994]$, and $[20.4077, 1.3580, 6.2350]$ is the 20% darker color. If you saturate the color by 10%, you get $[35.6543, 2.3033, 10.8810]$, and if you desaturate by 10%, it is $[39.3615, -0.4683, 6.5404]$.

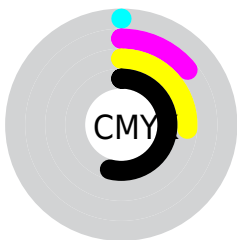
Distribution



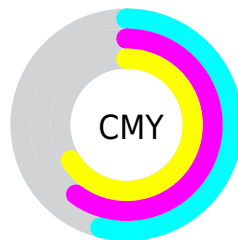
- Red (46%)
- Green (40%)
- Blue (34%)



- Red (46%)
- Yellow (45%)
- Blue (34%)



- Cyan (0%)
- Magenta (14%)
- Yellow (26%)
- Black (54%)



- Cyan (54%)
- Magenta (60%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4732, 0.8375, 8.8391 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 37.4732, 0.8375, 8.8391 by changing the saturation by 10% instead.

■ 37.4732, 0.8375,
8.8391

■ 37.4732, 0.8375,
8.8391

147.4783, -3.4356,
19.4716

■ 28.5493, 1.0745,
7.6323

■ 57.5894, 0.1870,
11.1943

■ 20.4731, 1.2432,
6.3814

■ 68.6761, -0.2121,
12.3611

■ 13.3463, 1.3279,
5.0510

■ 80.3951, -0.6553,
13.5286

■ 6.8952, 2.0398,
4.8266

■ 92.7138, -1.1392,
14.7003

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.6045, -1.6612,
15.8789

0.0000, NaN, NaN

119.0427, -2.2192,

0.0000, NaN, NaN

17.0660

0.0000, NaN, NaN

133.0070, -2.8112,
18.2633

■ 37.4732, 0.8375,
8.8391

■ 37.4732, 0.8375,
8.8391

■ 35.6543, 2.3033,
10.8810

■ 39.3615, -0.4683,
6.5404

■ 33.9082, 3.9420,
12.6373

■ 41.3112, -1.6210,
4.0085

■ 32.2420, 5.7591,
14.0803

■ 43.3185, -2.6325,
1.2670

■ 30.6626, 7.7573,
15.1825

■ 45.3790, -3.5140,
-1.6636

■ 29.1770, 9.9329,
15.9201

■ 47.4887, -4.2757,
-4.7651

■ 27.7921, 12.2735,
16.2776

■ 49.6442, -4.9277,
-8.0214

■ 26.5105, 14.7357,
16.3110

■ 51.8424, -5.4790,
-11.4185

■ 26.0545, 15.6504,
16.3286

■ 54.0804, -5.9383,
-14.9441

■ 56.3557, -6.3131,
-18.5872

Harmonies

Analogous

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



37.4741, 4.6108, 6.8908



37.4732, 0.8375, 8.8391



37.4741, -3.5406, 9.0930

Triad

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



37.4741, 0.8363, 8.8396



37.4741, -9.9280, 0.5335



37.4741, 3.6419, -4.5683

Complementary

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



37.4732, 0.8375, 8.8391



36.1032, -3.6002, -5.9638

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.



37.4741, -0.4372, -6.7234



37.4732, 0.8375, 8.8391



37.4741, -8.1850, -3.5611

Square

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



37.4741, 0.8363, 8.8396



37.4741, -9.6222, 4.6038



37.4741, -4.7573, -6.3350



37.4741, 6.2814, -0.7192

Rectangle

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



37.4732, 0.8375, 8.8391



37.4741, -6.1961, 8.3024



37.4741, -4.7573, -6.3350



37.4741, 2.3860, -5.5338

Sweetspot

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



37.4741, 0.8363, 8.8396



54.2747, -1.8697, 5.9854



34.1287, 9.9857, -1.0953



25.8676, -0.8073, 3.0765



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.



37.4741, 0.8363, 8.8396



48.1058, 2.3533, 13.5291



41.6837, -6.1031, 12.7528



19.9153, -0.6436, 2.3101



27.0537, 16.3852, 16.9572



58.2800, 39.5682, 36.6046

Inverse Universe

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



36.1032, -3.6002, -5.9638



45.8547, -4.9061, -10.7975



31.9918, 3.4411, -11.9912



19.6808, -1.4062, -0.2196



22.3346, 3.4670, -35.4005



47.5247, 11.0484, -83.2521

Previews

White Background



This preview shows how the HunterLab color 37.4732, 0.8375, 8.8391 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 37.4732, 0.8375, 8.8391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

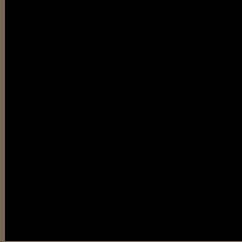
Any Text WCAG AA × Fail

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 37.4732, 0.8375, 8.8391 Background



This preview shows how black text looks on a background with the HunterLab color 37.4732, 0.8375, 8.8391.

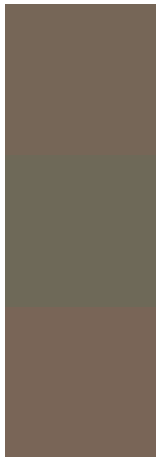


This preview shows how white text looks on a background with the HunterLab color 37.4732, 0.8375,

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

37.4732, 0.8375, 8.8391

Protanopia

37.5802, -2.8612, 8.5406

Deuteranopia

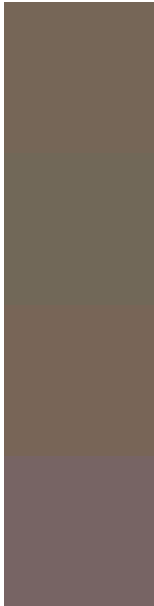
37.4972, 2.2583, 8.8879



Tritanopia

37.3875, 5.5249, 1.0761

Trichromacy



Original Color

37.4732, 0.8375, 8.8391

Protanomaly

37.5712, -1.5076, 8.5552

Deuteranomaly

37.4013, 1.9350, 8.7865

Tritanomaly

37.3582, 3.7386, 3.9508

Monochromacy



Original Color

37.4732, 0.8375, 8.8391

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

37.5466, -1.1206, 4.8694

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4732, 0.8375, 8.8391 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(118, 102, 87)` looks like.

```
.text, #text, p{  
    color:rgb(118, 102, 87)  
}
```

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(118, 102, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 102, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4732, 0.8375, 8.8391 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(118, 102, 87) }
```


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

```
.border{ border-color:rgb(118, 102, 87) }
```

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

Here you see how a box with a 4 pixel rgb(118, 102, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 102, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 102, 87);  
box-shadow:4px 4px 4px 4px rgb(118, 102,  
87) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4732, 0.8375, 8.8391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 102, 87) }
```

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

```
.background{ background-color: rgb(118,  
102, 87) }
```

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