

Converting Colors

HunterLab(37.6334, 2.4954,
5.1117)

Have a look what the booklet for
HunterLab(37.6334, 2.4954, 5.1117)
contains.

HunterLab(37.7308, 2.2244, 5.1306)	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(37.7308, 2.2244,
5.1306)**

Conversions

Conversions Part 1

Format	Color
Hex	766662
RGB	118, 102, 98
RGB Percent	46%, 40%, 38%
CMY	0.5373, 0.6000, 0.6157
CMYK	0.00, 0.14, 0.17, 0.54
HSL	12°, 9%, 42%
HSV	12°, 17%, 46%
XYZ	14.4272, 14.2361, 13.5427
YIQ	106.3280, 10.8200, 2.1480

Conversions

Conversions Part 2

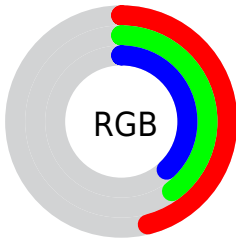
Format	Color
R_{YB}	118, 103, 98
Decimal	7759458
CIE Lab	44.57, 5.64, 4.60
CIE LCh	45, 7.276, 39.187
Yxy	14.2368, 0.3418, 0.3373
Android (android.graphics.Color)	4285949538 (0xFF766662)
YUV	106.3280, -4.1057, 10.2363
Hunter-Lab	37.7308, 2.2244, 5.1306

Details

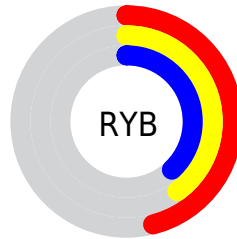
The HunterLab color $[37.7308, 2.2244, 5.1306]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[39.9236, -5.8221, -0.9551]$, and the grayscale version is $[38.1017, -2.0330, 2.0701]$.

A 20% lighter version of the original color is $[57.8778, 1.7024, 6.5663]$, and $[20.6047, 2.4083, 3.3902]$ is the 20% darker color. If you saturate the color by 10%, you get $[35.0416, 5.0782, 6.7131]$, and if you desaturate by 10%, it is $[40.5445, -0.4780, 3.4857]$.

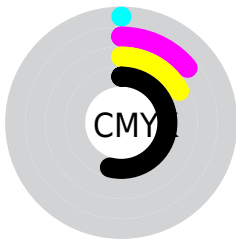
Distribution



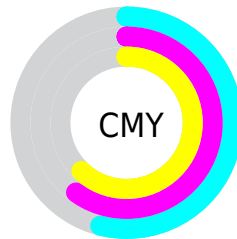
- Red (46%)
- Green (40%)
- Blue (38%)



- Red (46%)
- Yellow (40%)
- Blue (38%)



- Cyan (0%)
- Magenta (14%)
- Yellow (17%)
- Black (54%)



- Cyan (54%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7308, 2.2244, 5.1306 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 37.7308, 2.2244, 5.1306 by changing the saturation by 10% instead.

■ 37.7308, 2.2244,
5.1306

■ 37.7308, 2.2244,
5.1306

147.8847, -1.3012,
13.0324

■ 28.7846, 2.3519,
4.3539

■ 57.8866, 1.7707,
6.7397

■ 20.6838, 2.4009,
3.5894

■ 68.9912, 1.4613,
7.5744

■ 13.5291, 2.3524,
2.8283

■ 80.7271, 1.1034,
8.4304

■ 7.1133, 3.0747,
3.0662

■ 93.0620, 0.7008,
9.3080

0.0000, NaN, NaN

0.0000, NaN, NaN

105.9681, 0.2566,
10.2071

0.0000, NaN, NaN

119.4211, -0.2266,

0.0000, NaN, NaN

11.1277

0.0000, NaN, NaN

133.3997, -0.7465,
12.0696

■ 37.7308, 2.2244,
5.1306

■ 37.7308, 2.2244,
5.1306

■ 35.0416, 5.0782,
6.7131

■ 40.5445, -0.4780,
3.4857

■ 32.4918, 8.0952,
8.2116

■ 43.4655, -3.0382,
1.7908

■ 30.1030, 11.2727,
9.5993

■ 46.4827, -5.4720,
0.0567

■ 27.8993, 14.5923,
10.8399

■ 49.5858, -7.7940,
-1.7097

■ 25.9083, 18.0086,
11.8872

■ 52.7664, -10.0178,
-3.5033

■ 24.1596, 21.4382,
12.6877

■ 56.0174, -12.1559,
-5.3205

■ 22.6824, 24.7512,
13.1892

■ 59.3328, -14.2194,
-7.1587

■ 21.4949, 27.7503,
13.4457

■ 62.7074, -16.2180,
-9.0160

■ 21.1874, 28.5515,
13.5554

■ 66.1367, -18.1602,
-10.8910

Harmonies

Analogous

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



37.7316, 3.4147, 2.8577



37.7308, 2.2244, 5.1306



37.7316, -0.0947, 6.5096

Triad

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



37.7316, 2.2232, 5.1312



37.7316, -6.8889, 3.8184



37.7316, -1.1570, -3.3257

Complementary

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



37.7308, 2.2244, 5.1306



39.9236, -5.8221, -0.9551

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.



37.7316, -3.8982, -3.0218



37.7308, 2.2244, 5.1306



37.7316, -7.1546, 1.2319

Square

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



37.7316, 2.2232, 5.1312



37.7316, -5.3378, 5.7907



37.7316, -6.0746, -1.3068



37.7316, 1.4263, -2.1092

Rectangle

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



37.7308, 2.2244, 5.1306



37.7316, -1.9393, 6.7981



37.7316, -6.0746, -1.3068



37.7316, -2.0912, -3.3997

Sweetspot

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



37.7316, 2.2232, 5.1312



54.4590, -1.2665, 4.2166



37.1510, 6.4620, -2.4011



26.0122, -0.5164, 2.0804



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

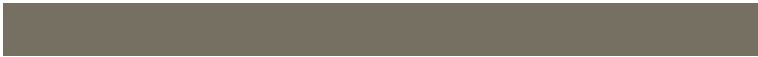
The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.7316, 2.2232, 5.1312



48.7470, 4.2677, 7.5594



40.4003, -2.3493, 7.8950



19.5159, 0.0352, 1.8722



22.0015, 29.8071, 14.0791



47.5264, 69.0501, 30.4944

Inverse Universe

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



39.9236, -5.8221, -0.9551



52.2453, -8.5875, -2.1576



37.1557, -1.3321, -4.4781



20.0918, -2.0750, 0.2740



31.8320, -11.4257, -15.1225



69.3929, -24.0278, -34.8659

Previews

White Background



This preview shows how the HunterLab color 37.7308, 2.2244, 5.1306 looks on a white background.

Color Contrast Check

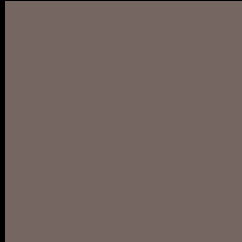
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.7308, 2.2244, 5.1306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

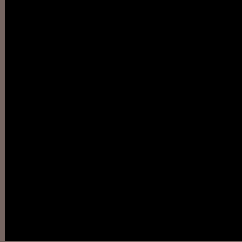
Any Text WCAG AA × Fail

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 37.7308, 2.2244, 5.1306 Background



This preview shows how black text looks on a background with the HunterLab color 37.7308, 2.2244, 5.1306.



This preview shows how white text looks on a background with the HunterLab color 37.7308, 2.2244,

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

37.7308, 2.2244, 5.1306

Protanopia

37.7816, -1.5878, 4.3328

Deuteranopia

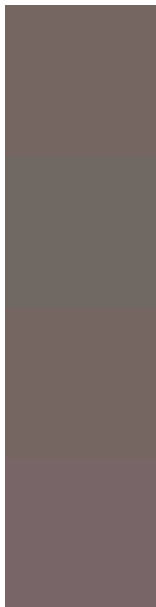
37.7308, 2.2244, 5.1306



Tritanopia

37.5752, 4.8908, 0.8531

Trichromacy



Original Color

37.7308, 2.2244, 5.1306

Protanomaly

37.7442, -0.3895, 4.7082

Deuteranomaly

37.7308, 2.2244, 5.1306

Tritanomaly

37.7210, 3.8346, 2.7252

Monochromacy



Original Color

37.7308, 2.2244, 5.1306

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

37.9439, -0.8701, 3.3148

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.7308, 2.2244, 5.1306 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, 98)` looks like.

```
.text, #text, p{  
    color:rgb(118, 102, 98)  
}
```

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, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 102, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 37.7308, 2.2244, 5.1306 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, 98) }
```


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

```
.border{ border-color:rgb(118, 102, 98) }
```

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, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 102, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 102, 98);  
box-shadow:4px 4px 4px 4px rgb(118, 102,  
98) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.7308, 2.2244, 5.1306 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, 98) }
```

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

```
.background{ background-color: rgb(118,  
102, 98) }
```

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