

Converting Colors

HunterLab(42.7481, 1.7849,
2.9487)

Have a look what the booklet for
HunterLab(42.7481, 1.7849, 2.9487)
contains.

HunterLab(42.8536, 1.4750, 3.1475)	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(42.8536, 1.4750,
3.1475)**

Conversions

Conversions Part 1

Format	Color
Hex	807475
RGB	128, 116, 117
RGB Percent	50%, 45%, 46%
CMY	0.4980, 0.5451, 0.5412
CMYK	0.00, 0.09, 0.09, 0.50
HSL	355°, 5%, 48%
HSV	355°, 9%, 50%
XYZ	18.3583, 18.3643, 19.4066
YIQ	119.7020, 6.8310, 2.8550

Conversions

Conversions Part 2

Format	Color
R_{YB}	128, 116, 117
Decimal	8418421
CIE Lab	49.94, 4.82, 1.13
CIE LCh	50, 4.951, 13.172
Yxy	18.3651, 0.3271, 0.3272
Android (android.graphics.Color)	4286608501 (0xFF807475)
YUV	119.7020, -1.3321, 7.2773
Hunter-Lab	42.8536, 1.4750, 3.1475

Details

The HunterLab color $42.8536, 1.4750, 3.1475$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45.4798, -5.9871, 1.7426$, and the grayscale version is $43.2266, -2.3065, 2.3486$.

A 20% lighter version of the original color is $63.7915, 0.9078, 4.4366$, and $24.9523, 1.8718, 2.0301$ is the 20% darker color. If you saturate the color by 10%, you get $39.1862, 5.8380, 3.9193$, and if you desaturate by 10%, it is $46.7075, -2.7389, 2.4857$.

Distribution



Red (50%)

Green (45%)

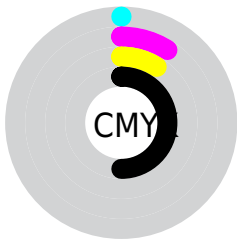
Blue (46%)



Red (50%)

Yellow (45%)

Blue (46%)



Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (50%)



Cyan (50%)

Magenta (55%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8536, 1.4750, 3.1475 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 42.8536, 1.4750, 3.1475 by changing the saturation by 10% instead.

■ 42.8536, 1.4750,
3.1475

■ 42.8536, 1.4750,
3.1475

■ 155.8592, -2.5943,
9.7452

■ 33.4850, 1.6877,
2.5725

■ 63.7640, 0.8731,
4.4040

■ 24.9197, 1.8328,
2.0342

■ 75.2117, 0.4977,
5.0807

■ 17.2428, 1.8962,
1.5356

■ 87.2727, 0.0778,
5.7881

■ 10.5722, 1.8571,
1.0791

■ 99.9172, -0.3835,
6.5248

0.0000, INF, NaN

0.0000, NaN, NaN

■ 113.1196, -0.8834,
7.2898

0.0000, NaN, NaN

■ 126.8571, -1.4197,

0.0000, NaN, NaN

8.0821

0.0000, NaN, NaN

141.1096, -1.9905,
8.9009

■ 42.8536, 1.4750,
3.1475

■ 42.8536, 1.4750,
3.1475

■ 39.1862, 5.8380,
3.9193

■ 46.7075, -2.7389,
2.4857

■ 35.7344, 10.3533,
4.8136

■ 50.7196, -6.8121,
1.9167

■ 32.5389, 14.9945,
5.8425

■ 54.8704, -10.7622,
1.4274

■ 29.6482, 19.6914,
7.0073

■ 59.1435, -14.6067,
1.0060

■ 27.1187, 24.3025,
8.2900

■ 63.5256, -18.3622,
0.6421

■ 25.0111, 28.5920,
9.6404

■ 68.0059, -22.0436,
0.3272

■ 23.3805, 32.2365,
10.9685

■ 72.5753, -25.6637,
0.0542

■ 22.2600, 34.8968,
12.1523

■ 77.2264, -29.2336,
-0.1827

■ 21.5214, 36.7644,
13.0008

■ 81.9527, -32.7628,
-0.3886

Harmonies

Analogous

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



42.8545, 1.4090, 1.2731



42.8536, 1.4750, 3.1475



42.8545, 0.5175, 4.7327

Triad

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



42.8545, 1.4738, 3.1482



42.8545, -4.8577, 4.8859



42.8545, -3.3833, -1.2732

Complementary

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



42.8536, 1.4750, 3.1475



45.4798, -5.9871, 1.7426

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.



42.8545, -5.0249, -0.2147



42.8536, 1.4750, 3.1475



42.8545, -5.8655, 3.3659

Square

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



42.8545, 1.4738, 3.1482



42.8545, -3.1513, 5.7049



42.8545, -5.9261, 1.5008



42.8545, -1.4196, -1.3380

Rectangle

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



42.8536, 1.4750, 3.1475



42.8545, -0.5606, 5.4344



42.8545, -5.9261, 1.5008



42.8545, -3.9902, -1.0197

Sweetspot

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



42.8545, 1.4738, 3.1482



60.0600, -1.5908, 3.6076



43.0838, 2.8854, -1.5057



28.8784, -0.5716, 1.7764



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.



42.8545, 1.4738, 3.1482



55.9283, 3.0287, 4.3581



44.1877, -1.0111, 5.0391



20.8557, 0.6576, 1.5188



21.3864, 36.7335, 12.9767

0.0000, NaN, NaN

Inverse Universe

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



42.8545, 1.4738, 3.1482



55.9283, 3.0287, 4.3581



44.0886, -3.5409, -0.3585



20.8557, 0.6576, 1.5188



21.3864, 36.7335, 12.9767

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 42.8536, 1.4750, 3.1475 looks on a white background.

Color Contrast Check

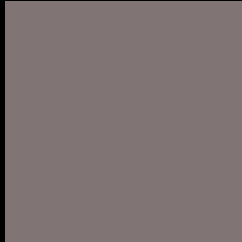
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 42.8536, 1.4750, 3.1475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

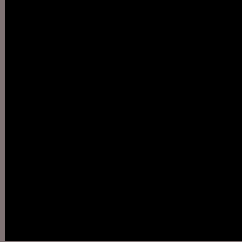
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.8536, 1.4750, 3.1475 Background



This preview shows how black text looks on a background with the HunterLab color 42.8536, 1.4750, 3.1475.



This preview shows how white text looks on a background with the HunterLab color 42.8536, 1.4750,

3.1475.

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

42.8536, 1.4750, 3.1475

Protanopia

42.8133, -1.4042, 2.6211

Deuteranopia

42.8615, 2.8769, 3.1812



Tritanopia

42.8764, 3.3252, 0.1099

Trichromacy



Original Color

42.8536, 1.4750, 3.1475

Protanomaly

42.7968, -0.0545, 2.6254

Deuteranomaly

42.7687, 2.5649, 3.0680

Tritanomaly

42.7891, 2.8580, 1.3515

Monochromacy



Original Color

42.8536, 1.4750, 3.1475

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

43.2857, -1.1305, 2.7470

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.8536, 1.4750, 3.1475 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, 116, 117)` looks like.

```
.text, #text, p{  
    color:rgb(128, 116, 117)  
}
```

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, 116, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 116, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 42.8536, 1.4750, 3.1475 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, 116, 117) }
```


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

```
.border{ border-color:rgb(128, 116, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 116, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 116, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 116, 117);  
box-shadow:4px 4px 4px 4px rgb(128, 116,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.8536, 1.4750, 3.1475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 116, 117) }
```

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

```
.background{ background-color: rgb(128,  
116, 117) }
```

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