

Converting Colors

HunterLab(42.4420, -4.3262,
4.7333)

Have a look what the booklet for
HunterLab(42.4420, -4.3262, 4.7333)
contains.

HunterLab(42.4362, -4.4736, 4.6534)	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(42.4362, -4.4736,
4.6534)

Conversions

Conversions Part 1

Format	Color
Hex	737770
RGB	115, 119, 112
RGB Percent	45%, 47%, 44%
CMY	0.5490, 0.5333, 0.5608
CMYK	0.03, 0.00, 0.06, 0.53
HSL	94°, 3%, 45%
HSV	94°, 6%, 47%
XYZ	16.5917, 18.0083, 17.9307
YIQ	117.0060, -0.1370, -3.0250

Conversions

Conversions Part 2

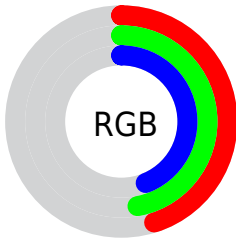
Format	Color
R_{YB}	112, 119, 116
Decimal	7567216
CIE Lab	49.51, -2.92, 3.32
CIE LCh	50, 4.417, 131.317
Yxy	18.0091, 0.3158, 0.3428
Android (android.graphics.Color)	4285757296 (0xFF737770)
YUV	117.0060, -2.4680, -1.7593
Hunter-Lab	42.4362, -4.4736, 4.6534

Details

The HunterLab color $42.4362, -4.4736, 4.6534$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $40.7844, 0.0854, -0.2404$, and the grayscale version is $42.1892, -2.2511, 2.2922$.

A 20% lighter version of the original color is $63.2627, -5.7470, 5.9651$, and $24.6372, -3.3148, 3.4505$ is the 20% darker color. If you saturate the color by 10%, you get $41.6137, -8.0067, 8.2878$, and if you desaturate by 10%, it is $43.3246, -0.7214, 0.6329$.

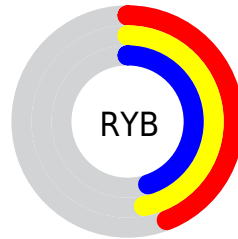
Distribution



Red (45%)

Green (47%)

Blue (44%)



Red (44%)

Yellow (47%)

Blue (45%)

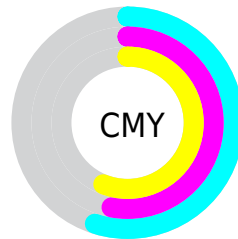


Cyan (3%)

Magenta (0%)

Yellow (6%)

Black (53%)



Cyan (55%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.4362, -4.4736, 4.6534 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 42.4362, -4.4736, 4.6534 by changing the saturation by 10% instead.

■ 42.4362, -4.4736,
4.6534

■ 42.4362, -4.4736,
4.6534

155.2167,
-11.7127, 12.1228

■ 33.1006, -3.7966,
3.9480

■ 63.2873, -5.9090,
6.1416

■ 24.5715, -3.1443,
3.2659

■ 74.7079, -6.6650,
6.9234

■ 16.9350, -2.5159,
2.6047

■ 86.7433, -7.4462,
7.7301

■ 10.3111, -1.9062,
1.9620

■ 99.3633, -8.2522,
8.5614

0.0000, NaN, NaN

0.0000, NaN, NaN

112.5423, -9.0824,
9.4168

0.0000, NaN, NaN

126.2572, -9.9362,

0.0000, NaN, NaN

140.4881,
-10.8131, 11.1980

■ 42.4362, -4.4736,
4.6534

■ 42.4362, -4.4736,
4.6534

■ 41.6137, -8.0067,
8.2878

■ 43.3246, -0.7214,
0.6329

■ 40.8557, -11.2996,
11.5159

■ 44.2747, 3.2340,
-3.7545

■ 40.1642, -14.3362,
14.3237

■ 45.2854, 7.3727,
-8.4857

■ 39.5395, -17.1016,
16.7016

■ 46.3548, 11.6763,
-13.5370

■ 38.9817, -19.5840,
18.6460

■ 47.4808, 16.1271,
-18.8848

■ 38.4903, -21.7751,
20.1611

■ 48.6612, 20.7084,
-24.5058

■ 38.0639, -23.6718,
21.2601

■ 49.8938, 25.4049,
-30.3773

■ 37.7004, -25.2768,
21.9672

■ 51.1764, 30.2025,
-36.4779

■ 37.3944, -26.6139,
22.3533

■ 52.5068, 35.0884,
-42.7875

Harmonies

Analogous

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



42.4371, -2.9277, 5.3426



42.4362, -4.4736, 4.6534



42.4371, -5.4204, 3.3268

Triad

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



42.4371, -4.4746, 4.6540



42.4371, -3.3437, -0.8493



42.4371, 1.0979, 2.9359

Complementary

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



42.4362, -4.4736, 4.6534



40.7844, 0.0854, -0.2404

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.



42.4371, 0.9821, 1.2673



42.4362, -4.4736, 4.6534



42.4371, -1.6015, -0.9644

Square

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



42.4371, -4.4746, 4.6540



42.4371, -4.7749, 0.1325



42.4371, -0.0125, -0.1759



42.4371, 0.3013, 4.3779

Rectangle

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



42.4362, -4.4736, 4.6534



42.4371, -5.5923, 2.2360



42.4371, -0.0125, -0.1759



42.4371, 1.1647, 2.3838

Sweetspot

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



42.4371, -4.4746, 4.6540



57.2322, -4.0961, 4.2250



41.9232, -1.9430, 4.1192



27.8703, -1.9571, 2.0174



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



42.4371, -4.4746, 4.6540



56.6396, -6.6164, 6.8866



42.2131, -5.2431, 4.1969



20.4887, -2.4004, 2.4985



38.4179, -27.9808, 23.1830



84.5216, -62.9602, 50.9796

Inverse Universe

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



40.7844, 0.0854, -0.2404



53.9452, 0.8184, -1.0944



41.0261, 0.8830, 0.2839



19.5087, 0.3038, -0.4044



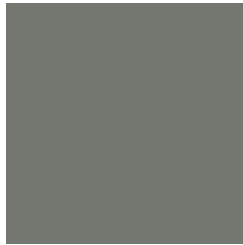
16.4793, 36.8080, -55.9146



35.6661, 80.4131, -126.8268

Previews

White Background



This preview shows how the HunterLab color 42.4362, -4.4736, 4.6534 looks on a white background.

Color Contrast Check

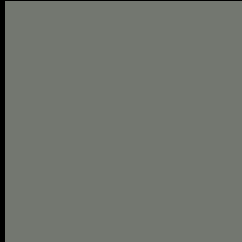
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.4362, -4.4736, 4.6534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

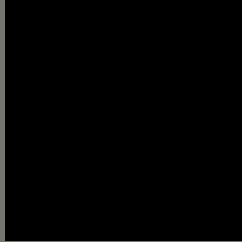
Any Text WCAG AA ✓ Pass

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 42.4362, -4.4736, 4.6534 Background



This preview shows how black text looks on a background with the HunterLab color 42.4362, -4.4736, 4.6534.



This preview shows how white text looks on a background with the HunterLab color 42.4362, -4.4736,

4.6534.

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

42.4362, -4.4736, 4.6534

Protanopia

42.3500, -1.9720, 5.0069

Deuteranopia

42.4879, 2.7720, 4.4284



Tritanopia

42.4392, -0.8176, -1.4395

Trichromacy



Original Color

42.4362, -4.4736, 4.6534

Protanomaly

42.4576, -3.0170, 5.1083

Deuteranomaly

42.4771, -0.0242, 4.3673

Tritanomaly

42.4857, -2.3710, 0.8940

Monochromacy



Original Color

42.4362, -4.4736, 4.6534

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

42.3175, -3.2949, 3.2932

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.4362, -4.4736, 4.6534 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(115, 119, 112)` looks like.

```
.text, #text, p{  
    color:rgb(115, 119, 112)  
}
```

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(115, 119, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 119, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 42.4362, -4.4736, 4.6534 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(115, 119, 112) }
```


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

```
.border{ border-color:rgb(115, 119, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 119, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 119, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 119, 112);  
box-shadow:4px 4px 4px 4px rgb(115, 119,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.4362, -4.4736, 4.6534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 119, 112) }
```

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

```
.background{ background-color: rgb(115,  
119, 112) }
```

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