

Converting Colors

HunterLab(42.4975, -4.5803,
8.1261)

Have a look what the booklet for
HunterLab(42.4975, -4.5803, 8.1261)
contains.

HunterLab(42.5381, -4.5626, 8.2465)	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(42.5381, -4.5626,
8.2465)**

Conversions

Conversions Part 1

Format	Color
Hex	777767
RGB	119, 119, 103
RGB Percent	47%, 47%, 40%
CMY	0.5333, 0.5333, 0.5961
CMYK	0.00, 0.00, 0.13, 0.53
HSL	60°, 7%, 44%
HSV	60°, 13%, 47%
XYZ	16.6528, 18.0949, 15.4470
YIQ	117.1760, 5.1360, -4.9760

Conversions

Conversions Part 2

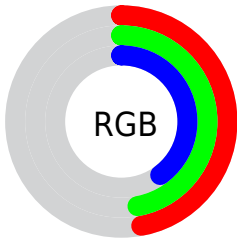
Format	Color
RYB	103, 119, 103
Decimal	7829351
CIELab	49.61, -3.03, 8.81
CIELCh	50, 9.318, 108.947
Yxy	18.0957, 0.3318, 0.3605
Android (android.graphics.Color)	4286019431 (0xFF777767)
YUV	117.1760, -6.9888, 1.5996
Hunter-Lab	42.5381, -4.5626, 8.2465

Details

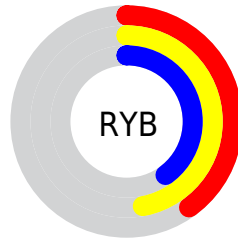
The HunterLab color $42.5381, -4.5626, 8.2465$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $37.3049, 0.6252, -4.7419$, and the grayscale version is $42.2704, -2.2554, 2.2966$.

A 20% lighter version of the original color is $63.3379, -6.0310, 10.3049$, and $24.7621, -3.2135, 6.2437$ is the 20% darker color. If you saturate the color by 10%, you get $42.2769, -6.0184, 12.0329$, and if you desaturate by 10%, it is $42.8393, -2.9087, 3.9394$.

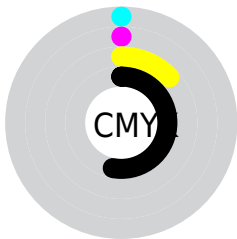
Distribution



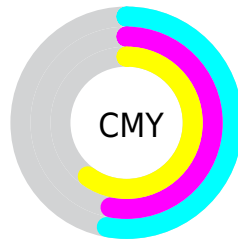
- Red (47%)
- Green (47%)
- Blue (40%)



- Red (40%)
- Yellow (47%)
- Blue (40%)



- Cyan (0%)
- Magenta (0%)
- Yellow (13%)
- Black (53%)



- Cyan (53%)
- Magenta (53%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.5381, -4.5626, 8.2465 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 42.5381, -4.5626, 8.2465 by changing the saturation by 10% instead.

■ 42.5381, -4.5626,
8.2465

■ 42.5381, -4.5626,
8.2465

155.3737,
-11.8499, 18.0212

■ 33.1944, -3.8787,
7.1896

■ 63.4037, -6.0108,
10.3541

■ 24.6565, -3.2187,
6.1165

■ 74.8310, -6.7725,
11.4147

■ 17.0101, -2.5816,
5.0084

■ 86.8726, -7.5593,
12.4844

■ 10.3747, -1.9621,
4.1623

■ 99.4987, -8.3705,
13.5651

0.0000, NaN, NaN

0.0000, NaN, NaN

112.6833, -9.2057,
14.6583

0.0000, NaN, NaN

126.4038,

0.0000, NaN, NaN

-10.0643, 15.7649

0.0000, NaN, NaN

140.6399,
-10.9459, 16.8857

■ 42.5381, -4.5626,
8.2465

■ 42.5381, -4.5626,
8.2465

■ 42.2769, -6.0184,
12.0329

■ 42.8393, -2.9087,
3.9394

■ 42.0518, -7.2744,
15.3013

■ 43.1785, -1.0534,
-0.8900

■ 41.8627, -8.3354,
18.0618

■ 43.5571, 1.0004,
-6.2366

■ 41.7079, -9.2069,
20.3292

■ 43.9755, 3.2495,
-12.0921

■ 41.5858, -9.8971,
22.1243

■ 44.4338, 5.6894,
-18.4449

■ 41.4942, -10.4163,
23.4742

■ 44.9322, 8.3144,
-25.2802

■ 41.4305, -10.7778,
24.4135

■ 45.4703, 11.1178,
-32.5808

■ 41.3913, -11.0006,
24.9917

■ 46.0480, 14.0923,
-40.3274

■ 41.3705, -11.1186,
25.2977

■ 46.6648, 17.2297,
-48.4993

Harmonies

Analogous

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



42.5390, -0.8957, 8.4520



42.5381, -4.5626, 8.2465



42.5390, -7.5192, 6.5357

Triad

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



42.5390, -4.5637, 8.2471



42.5390, -6.8567, -3.1266



42.5390, 4.9585, 0.9938

Complementary

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



42.5381, -4.5626, 8.2465



37.3049, 0.6252, -4.7419

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.



42.5390, 3.2425, -2.3869



42.5381, -4.5626, 8.2465



42.5390, -3.6311, -4.8979

Square

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



42.5390, -4.5637, 8.2471



42.5390, -8.8114, 0.0526



42.5390, 0.0692, -4.6162



42.5390, 4.6879, 4.4606

Rectangle

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



42.5381, -4.5626, 8.2465



42.5390, -8.7272, 4.6819



42.5390, 0.0692, -4.6162



42.5390, 4.5925, -0.1952

Sweetspot

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



42.5390, -4.5637, 8.2471



57.2971, -4.0455, 5.6704



38.2128, 2.7603, 3.6847



27.8799, -2.0424, 2.9504



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.



42.5390, -4.5637, 8.2471



56.8141, -6.7109, 12.6077



41.8967, -6.8504, 7.5371



20.6549, -1.8667, 3.1007



42.6413, -11.4601, 26.0748



94.1312, -25.2992, 57.5603

Inverse Universe

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



37.3049, 0.6252, -4.7419



48.2967, 1.7511, -8.5760



37.9636, 2.8511, -3.8156



18.9470, -0.1775, -1.1274



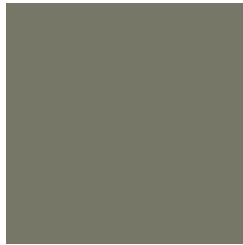
11.8963, 32.2675, -84.5193



26.2605, 71.2305, -186.5838

Previews

White Background



This preview shows how the HunterLab color 42.5381, -4.5626, 8.2465 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 42.5381, -4.5626, 8.2465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

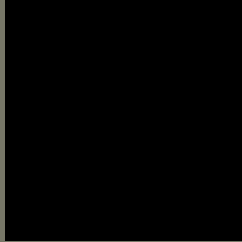
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

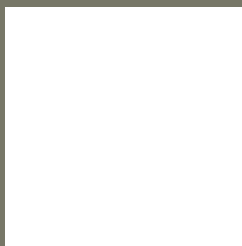
Any Text WCAG AAA × Fail

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

HunterLab 42.5381, -4.5626, 8.2465 Background



This preview shows how black text looks on a background with the HunterLab color 42.5381, -4.5626, 8.2465.



This preview shows how white text looks on a background with the HunterLab color 42.5381, -4.5626, 8.2465.

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

42.5381, -4.5626, 8.2465

Protanopia

42.6629, -2.7425, 8.7713

Deuteranopia

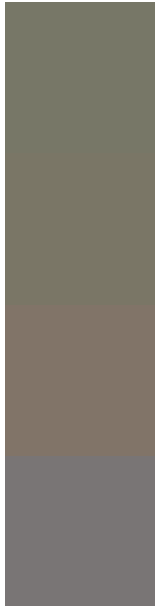
42.5470, 2.5174, 8.0108



Tritanopia

42.5547, 0.9193, -0.7941

Trichromacy



Original Color

42.5381, -4.5626, 8.2465

Protanomaly

42.4897, -3.3483, 8.5827

Deuteranomaly

42.6115, -0.0168, 8.0338

Tritanomaly

42.5110, -1.0925, 2.7038

Monochromacy



Original Color

42.5381, -4.5626, 8.2465

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

42.4008, -3.1636, 4.6366

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.5381, -4.5626, 8.2465 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(119, 119, 103)` looks like.

```
.text, #text, p{  
    color:rgb(119, 119, 103)  
}
```

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(119, 119, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 119, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 42.5381, -4.5626, 8.2465 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(119, 119, 103) }
```


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

```
.border{ border-color:rgb(119, 119, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 119, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 119, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 119, 103);  
box-shadow:4px 4px 4px 4px rgb(119, 119,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.5381, -4.5626, 8.2465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 119, 103) }
```

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

```
.background{ background-color: rgb(119,  
119, 103) }
```

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