

Converting Colors

HunterLab(41.8232, -3.0787,
5.6911)

Have a look what the booklet for
HunterLab(41.8232, -3.0787, 5.6911)
contains.

HunterLab(41.7433, -2.8222, 5.5217)	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(41.7433, -2.8222,
5.5217)

Conversions

Conversions Part 1

Format	Color
Hex	76746C
RGB	118, 116, 108
RGB Percent	46%, 45%, 42%
CMY	0.5373, 0.5451, 0.5765
CMYK	0.00, 0.02, 0.08, 0.54
HSL	48°, 4%, 44%
HSV	48°, 8%, 46%
XYZ	16.4234, 17.4250, 16.6851
YIQ	115.6860, 3.7600, -2.0640

Conversions

Conversions Part 2

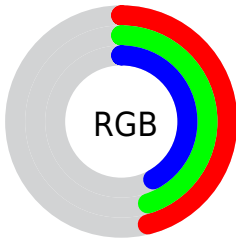
Format	Color
R_{YB}	111, 118, 108
Decimal	7763052
CIE Lab	48.79, -0.78, 4.68
CIE LCh	49, 4.749, 99.484
Yxy	17.4258, 0.3250, 0.3448
Android (android.graphics.Color)	4285953132 (0xFF76746C)
YUV	115.6860, -3.7892, 2.0294
Hunter-Lab	41.7433, -2.8222, 5.5217

Details

The HunterLab color $[41.7433, -2.8222, 5.5217]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[39.5572, -1.4019, -1.3393]$, and the grayscale version is $[41.6837, -2.2241, 2.2648]$.

A 20% lighter version of the original color is $[62.4936, -4.1432, 7.3163]$, and $[24.0276, -1.6703, 3.8824]$ is the 20% darker color. If you saturate the color by 10%, you get $[40.8101, -3.3189, 8.9410]$, and if you desaturate by 10%, it is $[42.7139, -2.1591, 1.7050]$.

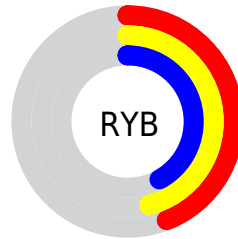
Distribution



Red (46%)

Green (45%)

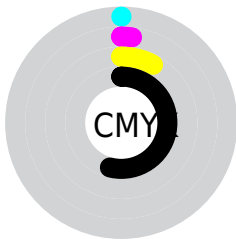
Blue (42%)



Red (44%)

Yellow (46%)

Blue (42%)

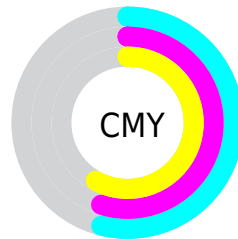


Cyan (0%)

Magenta (2%)

Yellow (8%)

Black (54%)



Cyan (54%)

Magenta (55%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.7433, -2.8222, 5.5217 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 41.7433, -2.8222, 5.5217 by changing the saturation by 10% instead.

■ 41.7433, -2.8222,
5.5217

■ 41.7433, -2.8222,
5.5217

■ 154.1474, -9.1523,
13.5394

■ 32.4631, -2.2796,
4.7327

■ 62.4951, -4.0175,
7.1572

■ 23.9947, -1.7746,
3.9574

■ 73.8706, -4.6642,
8.0053

■ 16.4261, -1.3113,
3.1895

■ 85.8630, -5.3418,
8.8745

■ 9.8806, -0.8933,
2.5222

■ 98.4422, -6.0491,
9.7651

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 111.5819, -6.7847,
10.6771

0.0000, NaN, NaN

■ 125.2592, -7.5478,

0.0000, NaN, NaN

11.6102

0.0000, NaN, NaN

139.4538, -8.3372,
12.5644

■ 41.7433, -2.8222,
5.5217

■ 41.7433, -2.8222,
5.5217

■ 40.8101, -3.3189,
8.9410

■ 42.7139, -2.1591,
1.7050

■ 39.9123, -3.6418,
11.9477

■ 43.7183, -1.3314,
-2.4957

■ 39.0511, -3.7889,
14.5317

■ 44.7565, -0.3461,
-7.0637

■ 38.2270, -3.7587,
16.6857

■ 45.8278, 0.7907,
-11.9817

■ 37.4400, -3.5515,
18.4066

■ 46.9310, 2.0725,
-17.2326

■ 36.6899, -3.1701,
19.6975

■ 48.0652, 3.4925,
-22.7988

■ 35.9757, -2.6204,
20.5689

■ 49.2294, 5.0442,
-28.6633

■ 35.2963, -1.9121,
21.0417

■ 50.4225, 6.7208,
-34.8094

■ 34.6433, -1.0927,
21.2395

■ 51.6436, 8.5159,
-41.2210

Harmonies

Analogous

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



41.7442, -0.9557, 5.3650



41.7433, -2.8222, 5.5217



41.7442, -4.5024, 4.8390

Triad

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



41.7442, -2.8233, 5.5223



41.7442, -4.9819, 0.0270



41.7442, 1.2087, 1.0495

Complementary

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



41.7433, -2.8222, 5.5217



39.5572, -1.4019, -1.3393

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.



41.7442, 0.0929, -0.4686



41.7433, -2.8222, 5.5217



41.7442, -3.4884, -1.0768

Square

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



41.7442, -2.8233, 5.5223



41.7442, -5.7341, 1.7019



41.7442, -1.6326, -1.2622



41.7442, 1.3944, 2.8346

Rectangle

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



41.7433, -2.8222, 5.5217



41.7442, -5.2970, 3.9802



41.7442, -1.6326, -1.2622



41.7442, 0.9290, 0.4889

Sweetspot

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



41.7442, -2.8233, 5.5223



56.0418, -3.2955, 4.6539



39.6266, 1.1427, 2.3655



26.8282, -1.6101, 2.4033



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.



41.7442, -2.8233, 5.5223



55.1301, -3.8768, 8.1662



42.0531, -4.5937, 5.8297



20.3666, -1.3948, 2.7955



35.9060, -0.9646, 22.1082



78.4877, -0.8140, 48.3495

Inverse Universe

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



39.5572, -1.4019, -1.3393



51.6291, -1.5992, -2.8232



39.2592, 0.3532, -1.6873



19.2289, -0.6552, -0.7744



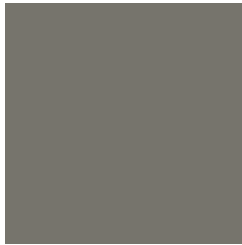
14.4470, 22.5798, -66.8007



30.2829, 55.3265, -157.2851

Previews

White Background



This preview shows how the HunterLab color 41.7433, -2.8222, 5.5217 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 41.7433, -2.8222, 5.5217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

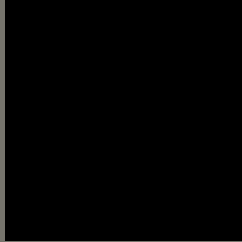
Any Text WCAG AA × Fail

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 41.7433, -2.8222, 5.5217 Background



This preview shows how black text looks on a background with the HunterLab color 41.7433, -2.8222, 5.5217.



This preview shows how white text looks on a background with the HunterLab color 41.7433, -2.8222, 5.5217.

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

41.7433, -2.8222, 5.5217

Protanopia

41.6380, -1.7751, 5.4241

Deuteranopia

41.7592, 2.8385, 5.2397



Tritanopia

41.7825, 0.9516, -0.8280

Trichromacy



Original Color

41.7433, -2.8222, 5.5217

Protanomaly

41.5525, -2.0719, 5.3247

Deuteranomaly

41.6533, 1.1134, 5.0921

Tritanomaly

41.8227, -0.5973, 1.4626

Monochromacy



Original Color

41.7433, -2.8222, 5.5217

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

41.7911, -2.3934, 3.5452

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.7433, -2.8222, 5.5217 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, 116, 108)` looks like.

```
.text, #text, p{  
    color:rgb(118, 116, 108)  
}
```

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, 116, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 116, 108) }
```

Border

The CSS property to change the border of an element to HunterLab 41.7433, -2.8222, 5.5217 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, 116, 108) }
```


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

```
.border{ border-color:rgb(118, 116, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 116, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 116, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 116, 108);  
box-shadow:4px 4px 4px 4px rgb(118, 116,  
108) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.7433, -2.8222, 5.5217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 116, 108) }
```

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

```
.background{ background-color: rgb(118,  
116, 108) }
```

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