

Converting Colors

HunterLab(42.9180, -10.6020,
15.9771)

Have a look what the booklet for
HunterLab(42.9180, -10.6020,
15.9771) contains.

HunterLab(42.7877, -10.4928, 15.9318)	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(42.7877,
-10.4928, 15.9318)**

Conversions

Conversions Part 1

Format	Color
Hex	727B4F
RGB	114, 123, 79
RGB Percent	45%, 48%, 31%
CMY	0.5529, 0.5176, 0.6902
CMYK	0.07, 0.00, 0.36, 0.52
HSL	72°, 22%, 40%
HSV	72°, 36%, 48%
XYZ	15.4337, 18.3079, 10.1175
YIQ	115.2930, 8.7600, -15.5920

Conversions

Conversions Part 2

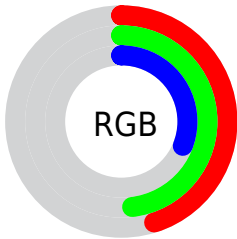
Format	Color
R_{YB}	79, 123, 88
Decimal	7502671
CIE _{Lab}	49.87, -11.13, 22.98
CIE _{LCh}	50, 25.532, 115.849
Yxy	18.3087, 0.3519, 0.4174
Android (android.graphics.Color)	4285692751 (0xFF727B4F)
YUV	115.2930, -17.8924, -1.1340
Hunter-Lab	42.7877, -10.4928, 15.9318

Details

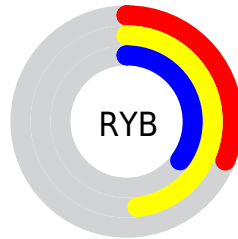
The HunterLab color $42.7877, -10.4928, 15.9318$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $30.1616, 8.7441, -18.0994$, and the grayscale version is $41.5835, -2.2188, 2.2593$.

A 20% lighter version of the original color is $63.5232, -12.7641, 19.5344$, and $24.7612, -7.9852, 11.6727$ is the 20% darker color. If you saturate the color by 10%, you get $42.4021, -12.3038, 18.5530$, and if you desaturate by 10%, it is $43.2155, -8.4819, 12.8079$.

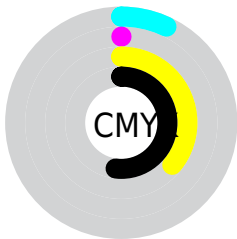
Distribution



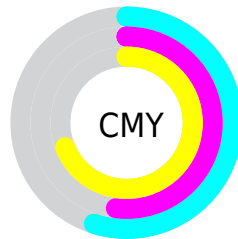
- Red (45%)
- Green (48%)
- Blue (31%)



- Red (31%)
- Yellow (48%)
- Blue (35%)



- Cyan (7%)
- Magenta (0%)
- Yellow (36%)
- Black (52%)



- Cyan (55%)
- Magenta (52%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.7877, -10.4928, 15.9318 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 42.7877, -10.4928, 15.9318 by changing the saturation by 10% instead.

■ 42.7877, -10.4928,
15.9318

■ 42.7877, -10.4928,
15.9318

155.7579,
-21.2383, 32.1281

■ 33.4243, -9.2915,
13.8704

■ 63.6888, -12.8610,
19.7930

■ 24.8647, -8.0601,
11.6735

■ 75.1322, -14.0395,
21.6358

■ 17.1942, -6.7768,
9.3170

■ 87.1892, -15.2206,
23.4389

■ 10.5309, -5.4347,
7.3717

■ 99.8299, -16.4068,
25.2121

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 113.0285,
-17.6004, 26.9626

0.0000, NaN, NaN

126.7625,

0.0000, NaN, NaN

-18.8028, 28.6959

0.0000, NaN, NaN

141.0116,
-20.0151, 30.4166

■ 42.7877, -10.4928,
15.9318

■ 42.7877, -10.4928,
15.9318

■ 42.4021, -12.3038,
18.5530

■ 43.2155, -8.4819,
12.8079

■ 42.0547, -13.9130,
20.6801

■ 43.6835, -6.2684,
9.1756

■ 41.7450, -15.3258,
22.3302

■ 44.1930, -3.8561,
5.0364

■ 41.4711, -16.5495,
23.5276

■ 44.7445, -1.2495,
0.3958

■ 41.2306, -17.5951,
24.3056

■ 45.3378, 1.5456,
-4.7371

■ 41.0185, -18.4892,
24.7359

■ 45.9730, 4.5223,
-10.3496

■ 40.9320, -18.8525,
24.8921

■ 46.6496, 7.6726,
-16.4263

■ 47.3672, 10.9880,
-22.9497

■ 48.1253, 14.4595,
-29.9006

Harmonies

Analogous

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



42.7887, -0.8584, 17.0558



42.7877, -10.4928, 15.9318



42.7887, -17.3169, 11.5236

Triad

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



42.7887, -10.4940, 15.9322



42.7887, -12.7344, -16.1354



42.7887, 19.0528, 0.9583

Complementary

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



42.7877, -10.4928, 15.9318



30.1616, 8.7441, -18.0994

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.



42.7887, 15.1586, -9.5054



42.7877, -10.4928, 15.9318



42.7887, -3.6940, -20.7309

Square

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



42.7887, -10.4940, 15.9322



42.7887, -18.5230, -6.6161



42.7887, 6.5928, -18.0588



42.7887, 16.8051, 9.6818

Rectangle

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



42.7877, -10.4928, 15.9318



42.7887, -19.6683, 6.6382



42.7887, 6.5928, -18.0588



42.7887, 18.4095, -2.4808

Sweetspot

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



42.7887, -10.4940, 15.9322



58.7551, -6.9673, 9.8681



34.2384, 8.1373, 8.4300



28.4781, -3.5502, 5.0777



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



42.7887, -10.4940, 15.9322



56.8253, -16.0679, 24.2722



41.2517, -16.2473, 14.5025



21.4348, -2.2747, 3.1427



41.6280, -19.1852, 25.3151



90.7156, -42.6887, 55.1512

Inverse Universe

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



30.1616, 8.7441, -18.0994



36.3140, 15.5946, -32.1385



32.1320, 14.7496, -14.5212



19.8228, 0.1336, -1.0725



13.0128, 33.6532, -79.7174



27.8886, 73.0630, -178.1230

Previews

White Background



This preview shows how the HunterLab color 42.7877, -10.4928, 15.9318 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 42.7877, -10.4928, 15.9318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

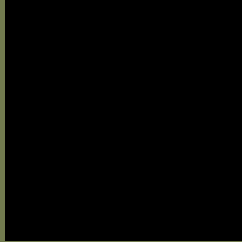
Any Text WCAG AA ✓ Pass

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 42.7877, -10.4928, 15.9318 Background



This preview shows how black text looks on a background with the HunterLab color 42.7877, -10.4928, 15.9318.



This preview shows how white text looks on a background with the HunterLab color 42.7877,

-10.4928, 15.9318.

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

42.7877, -10.4928, 15.9318

Protanopia

42.6143, -3.9060, 16.4217

Deuteranopia

42.6088, 3.1274, 15.4779



Tritanopia

42.6872, 0.0343, -1.1115

Trichromacy



Original Color

42.7877, -10.4928, 15.9318

Protanomaly

42.7412, -6.2899, 16.2283

Deuteranomaly

42.6700, -2.1975, 15.7091

Tritanomaly

42.6020, -4.0437, 6.0450

Monochromacy



Original Color

42.7877, -10.4928, 15.9318

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

41.9059, -5.4085, 7.9425

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.7877, -10.4928, 15.9318 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(114, 123, 79)` looks like.

```
.text, #text, p{  
    color:rgb(114, 123, 79)  
}
```

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(114, 123, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 123, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 42.7877, -10.4928, 15.9318 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(114, 123, 79) }
```


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

```
.border{ border-color:rgb(114, 123, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 123, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 123, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 123, 79);  
box-shadow:4px 4px 4px 4px rgb(114, 123,  
79) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.7877, -10.4928, 15.9318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 123, 79) }
```

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

```
.background{ background-color: rgb(114,  
123, 79) }
```

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