

Converting Colors

HunterLab(48.4326, -12.5727,
22.3263)

Have a look what the booklet for
HunterLab(48.4326, -12.5727,
22.3263) contains.

HunterLab(48.4326, -12.5727, 22.3263)	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(48.4326,
-12.5727, 22.3263)**

Conversions

Conversions Part 1

Format	Color
Hex	838A47
RGB	131, 138, 71
RGB Percent	51%, 54%, 28%
CMY	0.4863, 0.4588, 0.7216
CMYK	0.05, 0.00, 0.49, 0.46
HSL	66°, 32%, 41%
HSV	66°, 49%, 54%
XYZ	19.5859, 23.4572, 9.4566
YIQ	128.2690, 17.3350, -22.3210

Conversions

Conversions Part 2

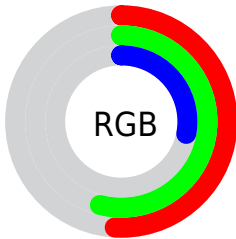
Format	Color
R_{YB}	71, 138, 78
Decimal	8620615
CIE _{Lab}	55.54, -13.04, 34.78
CIE _{LCh}	56, 37.138, 110.550
Yxy	23.4582, 0.3731, 0.4468
Android (android.graphics.Color)	4286810695 (0xFF838A47)
YUV	128.2690, -28.2336, 2.3951
Hunter-Lab	48.4326, -12.5727, 22.3263

Details

The HunterLab color $48.4326, -12.5727, 22.3263$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $28.2165, 13.7769, -32.8990$, and the grayscale version is $46.6698, -2.4902, 2.5357$.

A 20% lighter version of the original color is $69.9688, -15.0692, 27.5223$, and $29.5750, -9.7934, 16.4274$ is the 20% darker color. If you saturate the color by 10%, you get $48.1522, -13.9419, 24.6283$, and if you desaturate by 10%, it is $48.7565, -10.9832, 19.4503$.

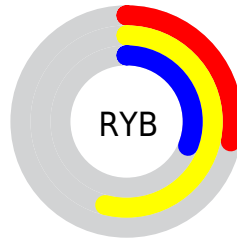
Distribution



Red (51%)

Green (54%)

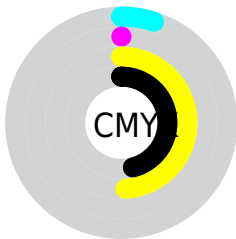
Blue (28%)



Red (28%)

Yellow (54%)

Blue (31%)

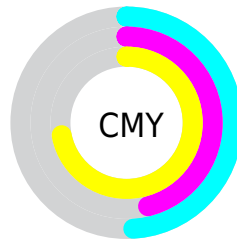


Cyan (5%)

Magenta (0%)

Yellow (49%)

Black (46%)



Cyan (49%)

Magenta (46%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.4326, -12.5727, 22.3263 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 48.4326, -12.5727, 22.3263 by changing the saturation by 10% instead.

■ 48.4326, -12.5727,
22.3263

■ 48.4326, -12.5727,
22.3263

164.3380,
-24.1464, 43.9289

■ 38.6422, -11.2625,
19.4705

■ 70.1032, -15.1478,
27.6233

■ 29.6173, -9.9187,
16.4205

■ 81.8986, -16.4241,
30.1202

■ 21.4305, -8.5219,
13.2100

■ 94.2901, -17.6994,
32.5423

■ 14.1785, -7.0348,
9.9250

■ 107.2503,
-18.9769, 34.9036

■ 7.8323, -7.6711,
5.4826

■ 120.7552,
-20.2588, 37.2151

0.0000, NaN, NaN

0.0000, NaN, NaN

134.7837,

-21.5468, 39.4853

0.0000, NaN, NaN

149.3170,
-22.8423, 41.7214

0.0000, NaN, NaN

■ 48.4326, -12.5727,
22.3263

■ 48.4326, -12.5727,
22.3263

■ 48.1522, -13.9419,
24.6283

■ 48.7565, -10.9832,
19.4503

■ 47.9098, -15.0953,
26.3812

■ 49.1224, -9.1631,
15.9809

■ 47.7039, -16.0468,
27.6204

■ 49.5328, -7.1112,
11.9075

■ 47.5311, -16.8133,
28.3924

■ 49.9886, -4.8267,
7.2252

■ 47.3831, -17.4420,
28.8201

■ 50.4906, -2.3113,
1.9351

■ 47.3621, -17.5310,
28.8774

■ 51.0393, 0.4312,
-3.9567

■ 51.6350, 3.3956,
-10.4395

■ 52.2776, 6.5752,
-17.4988

■ 52.9671, 9.9620,
-25.1165

Harmonies

Analogous

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



48.4337, 2.3848, 23.0406



48.4326, -12.5727, 22.3263



48.4337, -23.4464, 17.3676

Triad

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



48.4337, -12.5742, 22.3267



48.4337, -20.0448, -24.6352



48.4337, 30.3165, -2.2337

Complementary

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



48.4326, -12.5727, 22.3263



28.2165, 13.7769, -32.8990

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.



48.4337, 22.5367, -18.9613



48.4326, -12.5727, 22.3263



48.4337, -7.3658, -34.3164

Square

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



48.4337, -12.5742, 22.3267



48.4337, -27.3697, -8.3621



48.4337, 8.2815, -31.9655



48.4337, 28.4661, 11.5393

Rectangle

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



48.4326, -12.5727, 22.3263



48.4337, -27.5230, 11.1294



48.4337, 8.2815, -31.9655



48.4337, 28.7076, -7.7424

Sweetspot

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



48.4337, -12.5742, 22.3267



65.9496, -8.4949, 13.8890



33.5634, 17.4350, 10.4558



31.1829, -4.2769, 7.0938



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



48.4337, -12.5742, 22.3267



63.9040, -18.6241, 32.8803



46.0637, -21.5473, 20.3338



24.1223, -2.3999, 3.6328



45.3533, -16.7705, 27.6529



3.7441, -1.1877, 2.2863

Inverse Universe

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



28.2165, 13.7769, -32.8990



31.9862, 24.4893, -58.4236



31.2001, 22.1899, -26.0815



22.1713, 0.0063, -1.3291



13.3217, 35.4426, -89.2882



1.2090, 2.9949, -6.3847

Previews

White Background



This preview shows how the HunterLab color 48.4326, -12.5727, 22.3263 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 48.4326, -12.5727, 22.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

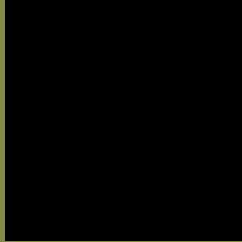
Any Text WCAG AA ✓ Pass

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 48.4326, -12.5727, 22.3263 Background



This preview shows how black text looks on a background with the HunterLab color 48.4326, -12.5727, 22.3263.



This preview shows how white text looks on a background with the HunterLab color 48.4326, -12.5727, 22.3263.

-12.5727, 22.3263.

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

48.4326, -12.5727, 22.3263

Protanopia

48.3816, -5.3661, 22.8189

Deuteranopia

48.3265, 3.0623, 21.8839



Tritanopia

48.3194, 1.7504, -0.6392

Trichromacy



Original Color

48.4326, -12.5727, 22.3263

Protanomaly

48.4075, -8.1840, 22.5882

Deuteranomaly

48.2628, -2.7917, 21.9469

Tritanomaly

48.2152, -4.2793, 9.6899

Monochromacy



Original Color

48.4326, -12.5727, 22.3263

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

47.1500, -6.9542, 11.4404

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.4326, -12.5727, 22.3263 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(131, 138, 71)` looks like.

```
.text, #text, p{  
    color:rgb(131, 138, 71)  
}
```

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(131, 138, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 138, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 48.4326, -12.5727, 22.3263 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(131, 138, 71) }
```


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

```
.border{ border-color:rgb(131, 138, 71) }
```

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

Here you see how a box with a 4 pixel rgb(131, 138, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 138, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 138, 71);  
box-shadow:4px 4px 4px 4px rgb(131, 138,  
71) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.4326, -12.5727, 22.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 138, 71) }
```

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

```
.background{ background-color: rgb(131,  
138, 71) }
```

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