

# Converting Colors

HunterLab(41.3350, -21.8764,  
16.2700)

Have a look what the booklet for  
HunterLab(41.3350, -21.8764,  
16.2700) contains.

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# Color

**HunterLab(41.4525,  
-21.9898, 16.3888)**

# Conversions

Conversions Part 1	
Format	Color
Hex	4C7F48
RGB	76, 127, 72
RGB Percent	30%, 50%, 28%
CMY	0.7020, 0.5020, 0.7176
CMYK	0.40, 0.00, 0.43, 0.50
HSL	116°, 28%, 39%
HSV	116°, 43%, 50%
XYZ	11.7396, 17.1831, 8.8288
YIQ	105.4810, -12.7410, -27.9170

# Conversions

## Conversions Part 2

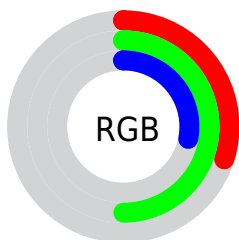
Format	Color
<a href="#">RYB</a>	<a href="#">72, 127, 123</a>
Decimal	<a href="#">5013320</a>
CIELab	<a href="#">48.49, -28.97, 24.62</a>
CIELCh	<a href="#">48, 38.021, 139.635</a>
Yxy	<a href="#">17.1838, 0.3110, 0.4552</a>
Android (android.graphics.Color)	<a href="#">4283203400</a> (0xFF4C7F48)
YUV	<a href="#">105.4810, -16.5061, -25.8548</a>
Hunter-Lab	<a href="#">41.4525, -21.9898, 16.3888</a>

# Details

The HunterLab color **41.4525, -21.9898, 16.3888** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **32.2157, 22.9514, -16.7016**, and the grayscale version is **37.8321, -2.0186, 2.0555**.

A 20% lighter version of the original color is **62.0766, -26.6114, 20.5083**, and **23.6507, -16.8402, 11.6792** is the 20% darker color. If you saturate the color by 10%, you get **40.7380, -25.2143, 18.5794**, and if you desaturate by 10%, it is **42.3018, -18.2396, 13.7880**.

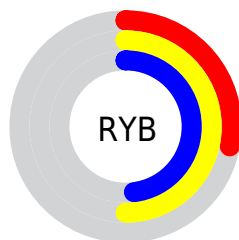
# Distribution



Red (30%)

Green (50%)

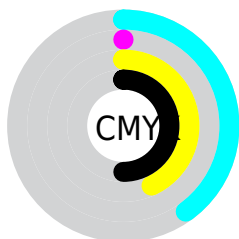
Blue (28%)



Red (28%)

Yellow (50%)

Blue (48%)

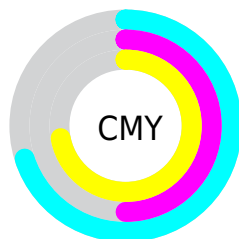


Cyan (40%)

Magenta (0%)

Yellow (43%)

Black (50%)



Cyan (70%)

Magenta (50%)


Yellow (72%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.4525, -21.9898, 16.3888 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 41.4525, -21.9898, 16.3888 by changing the saturation by 10% instead.





 41.4525, -21.9898,  
16.3888


 41.4525, -21.9898,  
16.3888


153.6976,  
-40.7828, 33.4189


 32.1957, -19.5410,  
14.1862


 62.1623, -26.5393,  
20.4880


 23.7530, -16.9120,  
11.8271

 73.5186, -28.6943,  
22.4340

 16.2132, -14.0164,  
9.4941


 85.4929, -30.7934,  
24.3325

 9.7010, -13.5502,  
6.7907

 98.0548, -32.8485,  
26.1946

0.0000, NaN, NaN

0.0000, NaN, NaN

 111.1780,  
-34.8687, 28.0285

0.0000, NaN, NaN


124.8395,


0.0000, NaN, NaN


-36.8609, 29.8407


0.0000, NaN, NaN


139.0188,  
-38.8308, 31.6361


 41.4525, -21.9898,  
16.3888


 41.4525, -21.9898,  
16.3888


 40.7380, -25.2143,  
18.5794


 42.3018, -18.2396,  
13.7880


 40.1540, -27.8868,  
20.3456


 43.2827, -13.9975,  
10.7989

 39.6976, -29.9990,  
21.6872


 44.3942, -9.3081,  
7.4519


 39.3624, -31.5601,  
22.6190


 45.6327, -4.2200,  
3.7817


 39.1386, -32.6018,  
23.1765


 46.9938, 1.2167,  
-0.1753

 39.0372, -33.0821,  
23.4754

 48.4724, 6.9527,  
-4.3825

 50.0628, 12.9419,  
-8.8049

 51.7591, 19.1418,  
-13.4102

 53.5552, 25.5150,  
-18.1693

# Harmonies

## Analogous

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



41.4534, -11.4726, 20.6792



41.4525, -21.9898, 16.3888



41.4534, -26.9536, 6.8978

# Triad

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



41.4534, -21.9905, 16.3891



41.4534, -7.2794, -34.8498



41.4534, 28.6183, 10.4619

# Complementary

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



41.4525, -21.9898, 16.3888



32.2157, 22.9514, -16.7016

# 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.



41.4534, 30.1643, -2.9927



41.4525, -21.9898, 16.3888



41.4534, 7.9359, -32.8208

# Square

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



41.4534, -21.9905, 16.3891



41.4534, -19.2975, -24.5836



41.4534, 22.1455, -19.7512



41.4534, 18.1807, 18.1970



# Rectangle

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



41.4525, -21.9898, 16.3888



41.4534, -27.0013, -2.6065



41.4534, 22.1455, -19.7512



41.4534, 30.2465, 6.5933

# Sweetspot

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



41.4534, -21.9905, 16.3891



59.4065, -12.4573, 9.9730



43.5917, -6.9453, 18.4003



28.6003, -6.6314, 5.2585



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207



# Same Dimension

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



41.4534, -21.9905, 16.3891



54.5202, -33.7136, 24.8439



41.6916, -20.1953, 9.9678



21.9830, -3.5320, 2.9111



39.2021, -33.2236, 23.5745

0.0000, NaN, NaN



# Inverse Universe

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



32.2157, 22.9514, -16.7016



39.7964, 38.4109, -28.3740



31.8565, 20.3057, -4.4321



20.9691, 1.3407, -0.6650



23.2659, 46.4856, -36.4541

0.0000, NaN, NaN



# Previews

## White Background



This preview shows how the HunterLab color 41.4525, -21.9898, 16.3888 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 41.4525, -21.9898, 16.3888 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

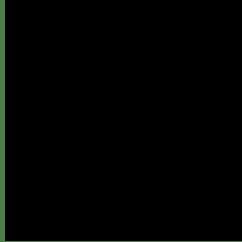
Any Text WCAG AA × Fail

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 41.4525, -21.9898, 16.3888 Background



This preview shows how black text looks on a background with the HunterLab color 41.4525, -21.9898, 16.3888.



This preview shows how white text looks on a background with the HunterLab color 41.4525, -21.9898, 16.3888.

-21.9898, 16.3888.

# 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

41.4525, -21.9898, 16.3888

### Protanopia

41.3550, -4.3981, 17.7926

### Deuteranopia

41.3243, 2.6763, 15.7006



## Tritanopia

41.3169, -8.8995, -5.0025

# Trichromacy



**Original Color**  
41.4525, -21.9898, 16.3888

**Protanomaly**  
41.0018, -11.4343, 16.9234

**Deuteranomaly**  
40.7966, -7.5766, 15.3319

**Tritanomaly**  
41.3631, -14.5129, 4.4952

# Monochromacy



**Original Color**  
41.4525, -21.9898, 16.3888

**Achromatopsia**  
37.5850, -2.0054, 2.0421

**Achromatomaly**  
38.7043, -10.0978, 7.8087

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 41.4525, -21.9898, 16.3888 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(76, 127, 72)` looks like.

```
.text, #text, p{  
    color:rgb(76, 127, 72)  
}
```

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(76, 127, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 127, 72) }
```

## Border

The CSS property to change the border of an element to HunterLab 41.4525, -21.9898, 16.3888 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(76, 127, 72) }
```



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

```
.border{ border-color:rgb(76, 127, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 127, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 127, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 127, 72);  
box-shadow:4px 4px 4px 4px rgb(76, 127,  
72) }
```

# Background

The CSS property to change the background color of an element to HunterLab 41.4525, -21.9898, 16.3888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(76, 127, 72) }
```

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

```
.background{ background-color:rgb(76, 127,  
72) }
```

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](#).

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