

# Converting Colors

HunterLab(66.2778, -17.4881,  
24.4090)

Have a look what the booklet for  
HunterLab(66.2778, -17.4881,  
24.4090) contains.

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# Color

**HunterLab(66.2397,  
-17.4852, 24.3192)**

# Conversions

Conversions Part 1	
Format	Color
Hex	A7B879
RGB	167, 184, 121
RGB Percent	65%, 72%, 47%
CMY	0.3451, 0.2784, 0.5255
CMYK	0.09, 0.00, 0.34, 0.28
HSL	76°, 31%, 60%
HSV	76°, 34%, 72%
XYZ	36.5280, 43.8770, 24.6330
YIQ	171.7350, 10.0910, -23.1970

# Conversions

## Conversions Part 2

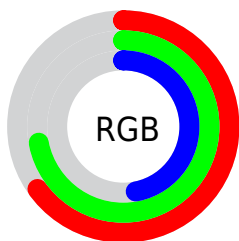
Format	Color
<a href="#">RYB</a>	<a href="#">121, 184, 138</a>
Decimal	<a href="#">10991737</a>
CIELab	<a href="#">72.15, -16.42, 30.11</a>
CIELCh	<a href="#">72, 34.296, 118.603</a>
Yxy	<a href="#">43.8789, 0.3478, 0.4177</a>
Android (android.graphics.Color)	<a href="#">4289181817</a> (0xFFA7B879)
YUV	<a href="#">171.7350, -25.0124, -4.1526</a>
Hunter-Lab	<a href="#">66.2397, -17.4852, 24.3192</a>

# Details

The HunterLab color  $66.2397, -17.4852, 24.3192$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $47.4762, 14.5659, -27.1250$ , and the grayscale version is  $64.2183, -3.4265, 3.4891$ .

A 20% lighter version of the original color is  $90.0356, -20.3076, 28.7541$ , and  $45.0166, -14.5702, 19.6326$  is the 20% darker color. If you saturate the color by 10%, you get  $65.5279, -20.7579, 28.4989$ , and if you desaturate by 10%, it is  $67.0266, -13.8688, 19.3154$ .

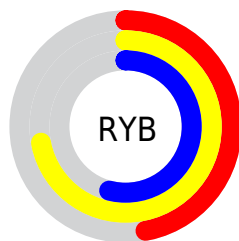
# Distribution



Red (65%)

Green (72%)

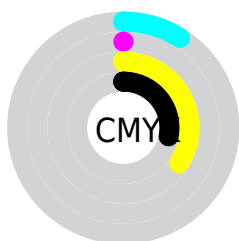
Blue (47%)



Red (47%)

Yellow (72%)

Blue (54%)

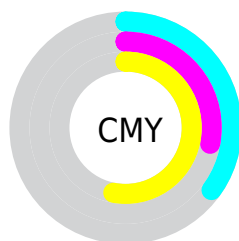


Cyan (9%)

Magenta (0%)

Yellow (34%)

Black (28%)



Cyan (35%)

Magenta (28%)


Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.2397, -17.4852, 24.3192 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 66.2397, -17.4852, 24.3192 by changing the saturation by 10% instead.





 66.2397, -17.4852,  
24.3192

 66.2397, -17.4852,  
24.3192


190.3192,  
-30.4378, 43.0671


 55.2950, -16.0138,  
21.9922


 90.0197, -20.3842,  
28.7520

 45.0285, -14.5128,  
19.5616


 102.7897,  
-21.8197, 30.8863

 35.4903, -12.9706,  
16.9962


 116.1123,  
-23.2516, 32.9800

 26.7407, -11.3666,  
14.2507

129.9653,  
-24.6827, 35.0412

 18.8587, -9.6666,  
11.4263

144.3293,  
-26.1153, 37.0759

 11.9529, -7.8075,  
8.3670

159.1866,

 4.8759, -8.5328,

-27.5511, 39.0891

3.4131

174.5214,  
-28.9916, 41.0851

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.2397, -17.4852,  
24.3192

■ 66.2397, -17.4852,  
24.3192

■ 65.5279, -20.7579,  
28.4989

■ 67.0266, -13.8688,  
19.3154

■ 64.8853, -23.6810,  
31.8655

■ 67.8852, -9.9081,  
13.4826

■ 64.3110, -26.2605,  
34.4450

■ 68.8174, -5.6133,  
6.8280

■ 63.8020, -28.5065,  
36.2768


■ 69.8233, -0.9955,  
-0.6345

■ 63.3540, -30.4368,


■ 70.9025, 3.9320,


37.4178


-8.8843


 62.9616, -32.0787,  
37.9482

 72.0544, 9.1541,  
-17.8956

 62.7530, -32.9382,  
38.0915

 73.2779, 14.6544,  
-27.6385

 73.9794, 17.3529,  
-29.9329

 74.4680, 18.9073,  
-29.1070

# Harmonies

## Analogous

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



66.2412, -2.7942, 26.5094



66.2397, -17.4852, 24.3192



66.2412, -27.5652, 16.9844

# Triad

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



66.2412, -17.4870, 24.3199



66.2412, -18.6591, -26.1714



66.2412, 29.7145, 2.8958

# Complementary

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



66.2397, -17.4852, 24.3192



47.4762, 14.5659, -27.1250

# 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.



66.2412, 24.4922, -13.3194



66.2397, -17.4852, 24.3192



66.2412, -4.2786, -32.3566

# Square

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



66.2412, -17.4870, 24.3199



66.2412, -28.1959, -11.8051



66.2412, 11.6701, -27.1802



66.2412, 25.3549, 16.0219



# Rectangle

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



66.2397, -17.4852, 24.3192



66.2412, -30.8094, 9.0754



66.2412, 11.6701, -27.1802



66.2412, 29.0131, -2.3742

# Sweetspot

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



66.2412, -17.4870, 24.3199



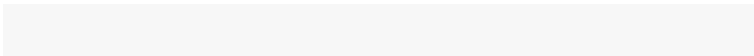
91.8967, -11.0386, 14.6364



54.4902, 10.3848, 14.0752



42.5879, -5.4950, 7.3643



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515



# Same Dimension

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



66.2412, -17.4870, 24.3199



88.4600, -26.8675, 37.0377



63.9318, -26.1712, 22.1600



32.2152, -3.6976, 4.8659



52.1293, -27.2066, 31.6455



9.9332, -4.5384, 6.0413



# Inverse Universe

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



47.4762, 14.5659, -27.1250



58.1096, 25.5054, -47.6210



50.6012, 24.0390, -21.5360



29.7214, 0.4930, -1.7843



16.9616, 43.1085, -98.0401



3.6460, 8.5499, -15.5199



# Previews

## White Background



This preview shows how the HunterLab color 66.2397, -17.4852, 24.3192 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

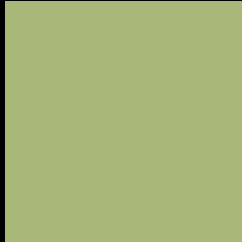
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 66.2397, -17.4852, 24.3192 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

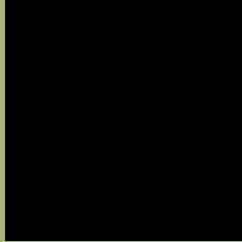
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

## HunterLab 66.2397, -17.4852, 24.3192 Background



This preview shows how black text looks on a background with the HunterLab color 66.2397, -17.4852, 24.3192.



This preview shows how white text looks on a background with the HunterLab color 66.2397, -17.4852, 24.3192.

-17.4852, 24.3192.

# 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

66.2397, -17.4852, 24.3192

### Protanopia

66.3014, -6.3710, 25.4160

### Deuteranopia

65.9794, 4.6673, 23.6024



## Tritanopia

66.2985, -1.2867, -2.2244

# Trichromacy



**Original Color**  
66.2397, -17.4852, 24.3192

**Protanomaly**  
66.3639, -10.7553, 25.1124

**Deuteranomaly**  
65.7050, -3.7101, 23.5128

**Tritanomaly**  
66.1852, -7.7979, 9.1835

# Monochromacy



**Original Color**  
66.2397, -17.4852, 24.3192

**Achromatopsia**  
64.2295, -3.4271, 3.4897

**Achromatomaly**  
64.7276, -8.8866, 12.1240

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 66.2397, -17.4852, 24.3192 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(167, 184, 121)` looks like.

```
.text, #text, p{  
    color:rgb(167, 184, 121)  
}
```

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(167, 184, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 184, 121) }
```

## Border

The CSS property to change the border of an element to HunterLab 66.2397, -17.4852, 24.3192 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(167, 184, 121) }
```



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

```
.border{ border-color:rgb(167, 184, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 184, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 184, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 184, 121);  
box-shadow:4px 4px 4px 4px rgb(167, 184,  
121) }
```

# Background

The CSS property to change the background color of an element to HunterLab 66.2397, -17.4852, 24.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 184, 121) }
```

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

```
.background{ background-color: rgb(167,  
184, 121) }
```

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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