

# Converting Colors

HunterLab(58.6980, -24.7068,  
17.8120)

Have a look what the booklet for  
HunterLab(58.6980, -24.7068,  
17.8120) contains.

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# Color

**HunterLab(58.7154,  
-24.6252, 17.8058)**

# Conversions

Conversions Part 1	
Format	Color
Hex	78AB78
RGB	120, 171, 120
RGB Percent	47%, 67%, 47%
CMY	0.5294, 0.3294, 0.5294
CMYK	0.30, 0.00, 0.30, 0.33
HSL	120°, 23%, 57%
HSV	120°, 30%, 67%
XYZ	25.6988, 34.4750, 23.0692
YIQ	149.9370, -14.0250, -26.6730

# Conversions

## Conversions Part 2

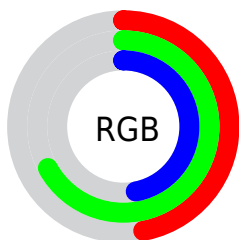
Format	Color
<a href="#">RYB</a>	<a href="#">120, 171, 171</a>
Decimal	<a href="#">7908216</a>
CIELab	<a href="#">65.34, -27.28, 21.01</a>
CIELCh	<a href="#">65, 34.430, 142.399</a>
Yxy	<a href="#">34.4764, 0.3087, 0.4142</a>
Android (android.graphics.Color)	<a href="#">4286098296</a> (0xFF78AB78)
YUV	<a href="#">149.9370, -14.7589, -26.2547</a>
Hunter-Lab	<a href="#">58.7154, -24.6252, 17.8058</a>

# Details

The HunterLab color **58.7154, -24.6252, 17.8058** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **50.0319, 22.5546, -14.4349**, and the grayscale version is **55.2631, -2.9487, 3.0025**.

A 20% lighter version of the original color is **81.8254, -28.7380, 21.2705**, and **38.3106, -20.1245, 14.0288** is the 20% darker color. If you saturate the color by 10%, you get **57.4301, -30.2933, 21.6370**, and if you desaturate by 10%, it is **60.2189, -18.1785, 13.4488**.

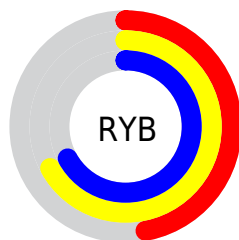
# Distribution



Red (47%)

Green (67%)

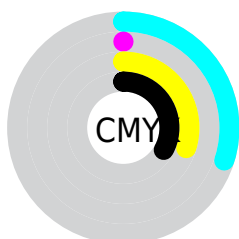
Blue (47%)



Red (47%)

Yellow (67%)

Blue (67%)

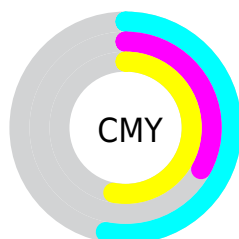


Cyan (30%)

Magenta (0%)

Yellow (30%)

Black (33%)



Cyan (53%)

Magenta (33%)


Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.7154, -24.6252, 17.8058 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 58.7154, -24.6252, 17.8058 by changing the saturation by 10% instead.





 58.7154, -24.6252,  
17.8058


 58.7154, -24.6252,  
17.8058


179.5136,  
-42.1048, 32.7785

 48.2285, -22.4775,  
16.0087


 81.6541, -28.7283,  
21.2641

 38.4519, -20.2344,  
14.1420


 94.0338, -30.7100,  
22.9470

 29.4431, -17.8622,  
12.1782


 106.9827,  
-32.6586, 24.6098

 21.2742, -15.3048,  
10.0743

120.4768,  
-34.5811, 26.2580

 14.0424, -12.4647,  
8.2242

134.4950,  
-36.4829, 27.8958

 7.6880, -13.4541,  
5.3816

149.0182,


0.0000, NaN, NaN


-38.3685, 29.5268


0.0000, NaN, NaN


164.0295,  
-40.2415, 31.1536


0.0000, NaN, NaN


 58.7154, -24.6252,  
17.8058


 58.7154, -24.6252,  
17.8058


 57.4301, -30.2933,  
21.6370


 60.2189, -18.1785,  
13.4488


 56.3603, -35.1148,  
24.8965


 61.9329, -11.0292,  
8.6179


 55.5044, -39.0476,  
27.5555


 63.8521, -3.2648,  
3.3725


 54.8553, -42.0773,  
29.6041


 65.9681, 5.0269,  
-2.2279


 54.4006, -44.2244,  
31.0561


 68.2715, 13.7616,  
-8.1262

 54.1219, -45.5507,  
31.9531

 70.7520, 22.8616,  
-14.2697

 53.9720, -46.2675,  
32.4378

 73.3990, 32.2577,  
-20.6116

 53.9696, -46.2789,  
32.4455

 75.8994, 40.8647,  
-26.4201

# Harmonies

## Analogous

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



58.7166, -13.9064, 23.5925



58.7154, -24.6252, 17.8058



58.7166, -29.4871, 6.7702

# Triad

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



58.7166, -24.6263, 17.8064



58.7166, -6.9678, -31.7578



58.7166, 26.5364, 12.8705

# Complementary

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



58.7154, -24.6252, 17.8058



50.0319, 22.5546, -14.4349

# 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.



58.7166, 28.8783, -0.6178



58.7154, -24.6252, 17.8058



58.7166, 8.4712, -28.9183

# Square

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



58.7166, -24.6263, 17.8064



58.7166, -19.9918, -23.5048



58.7166, 21.9724, -16.5177



58.7166, 15.8655, 21.2919



# Rectangle

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



58.7154, -24.6252, 17.8058



58.7166, -29.1388, -3.1203



58.7166, 21.9724, -16.5177



58.7166, 28.3651, 8.8804

# Sweetspot

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



58.7166, -24.6263, 17.8064



83.0434, -14.0916, 11.0814



62.5633, -10.3423, 21.5302



39.0527, -7.3250, 5.6860



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912



# Same Dimension

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



58.7166, -24.6263, 17.8064



77.3724, -38.2403, 27.4011



59.3129, -21.1603, 9.1967



29.8988, -5.1317, 4.0293



46.8579, -40.1806, 28.1701



7.8154, -6.7017, 4.6984



# Inverse Universe

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



50.0319, 22.5546, -14.4349



63.3348, 38.2930, -24.8973



49.1441, 18.1021, -1.9648



28.5449, 2.1810, -0.9680



29.5690, 58.1335, -38.9982



4.9318, 9.6961, -6.5046



# Previews

## White Background



This preview shows how the HunterLab color 58.7154, -24.6252, 17.8058 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

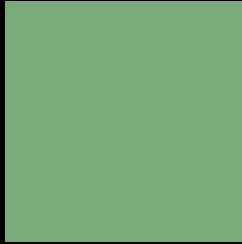
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 58.7154, -24.6252, 17.8058 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

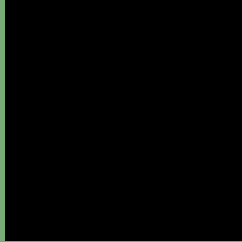
Any Text WCAG AA ✓ Pass

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 58.7154, -24.6252, 17.8058 Background



This preview shows how black text looks on a background with the HunterLab color 58.7154, -24.6252, 17.8058.



This preview shows how white text looks on a background with the HunterLab color 58.7154,

-24.6252, 17.8058.

# 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

58.7154, -24.6252, 17.8058

### Protanopia

58.4933, -5.1942, 19.8160

### Deuteranopia





58.5030, 4.0245, 16.7944





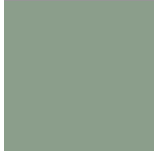
## Tritanopia

58.7121, -10.2699, -6.0061

# Trichromacy

	<b>Original Color</b> 58.7154, -24.6252, 17.8058
	<b>Protanomaly</b> 58.4215, -13.0252, 19.0024
	<b>Deuteranomaly</b> 58.1407, -7.5813, 16.5840
	<b>Tritanomaly</b> 58.7140, -16.3371, 4.1323

# Monochromacy

	<b>Original Color</b> 58.7154, -24.6252, 17.8058
	<b>Achromatopsia</b> 55.2257, -2.9467, 3.0005
	<b>Achromatomaly</b> 56.3975, -11.5479, 8.8708

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 58.7154, -24.6252, 17.8058 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(120, 171, 120)` looks like.

```
.text, #text, p{  
    color:rgb(120, 171, 120)  
}
```

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(120, 171, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 171, 120) }
```

## Border

The CSS property to change the border of an element to HunterLab 58.7154, -24.6252, 17.8058 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(120, 171, 120) }
```



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

```
.border{ border-color:rgb(120, 171, 120) }
```

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

Here you see how a box with a 4 pixel rgb(120, 171, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 171, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 171, 120);  
box-shadow:4px 4px 4px 4px rgb(120, 171,  
120) }
```

# Background

The CSS property to change the background color of an element to HunterLab 58.7154, -24.6252, 17.8058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 171, 120) }
```

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

```
.background{ background-color: rgb(120,  
171, 120) }
```

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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