

# Converting Colors

HunterLab(61.5104, -20.8449,  
16.3675)

Have a look what the booklet for  
HunterLab(61.5104, -20.8449,  
16.3675) contains.

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# Color

**HunterLab(61.3549,  
-20.6408, 16.3501)**

# Conversions

Conversions Part 1	
Format	Color
Hex	89AF84
RGB	137, 175, 132
RGB Percent	54%, 69%, 52%
CMY	0.4627, 0.3137, 0.4823
CMYK	0.22, 0.00, 0.25, 0.31
HSL	113°, 21%, 60%
HSV	113°, 25%, 69%
XYZ	29.8114, 37.6442, 27.5247
YIQ	158.7360, -8.8450, -21.4290

# Conversions

## Conversions Part 2

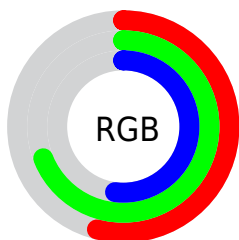
Format	Color
<a href="#">RYB</a>	<a href="#">132, 175, 170</a>
Decimal	<a href="#">9023364</a>
CIELab	<a href="#">67.76, -21.31, 17.95</a>
CIELCh	<a href="#">68, 27.862, 139.887</a>
Yxy	<a href="#">37.6458, 0.3139, 0.3963</a>
Android (android.graphics.Color)	<a href="#">4287213444</a> <a href="#">(0xFF89AF84)</a>
YUV	<a href="#">158.7360, -13.1808, -19.0625</a>
Hunter-Lab	<a href="#">61.3549, -20.6408, 16.3501</a>

# Details

The HunterLab color **61.3549, -20.6408, 16.3501** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **53.0517, 16.7401, -12.3454**, and the grayscale version is **58.8296, -3.1390, 3.1963**.

A 20% lighter version of the original color is **84.6941, -24.2494, 19.6321**, and **40.6284, -16.9709, 13.0887** is the 20% darker color. If you saturate the color by 10%, you get **59.9929, -26.5664, 20.6209**, and if you desaturate by 10%, it is **62.9031, -14.0749, 11.5151**.

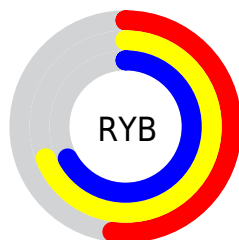
# Distribution



Red (54%)

Green (69%)

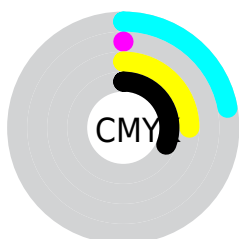
Blue (52%)



Red (52%)

Yellow (69%)

Blue (67%)

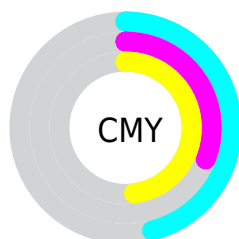


Cyan (22%)

Magenta (0%)

Yellow (25%)

Black (31%)



Cyan (46%)

Magenta (31%)


Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.3549, -20.6408, 16.3501 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 61.3549, -20.6408, 16.3501 by changing the saturation by 10% instead.





 61.3549, -20.6408,  
16.3501


 61.3549, -20.6408,  
16.3501


183.3298,  
-35.5908, 30.0048


 50.7030, -18.8709,  
14.7566


 84.5961, -24.0707,  
19.4505

 40.7496, -17.0429,  
13.1156


 97.1159, -25.7472,  
20.9731

 31.5491, -15.1350,  
11.4071


 110.1988,  
-27.4071, 22.4852

 23.1692, -13.1113,  
9.5988

123.8216,  
-29.0551, 23.9909

 15.6998, -10.9100,  
7.6453

137.9636,  
-30.6948, 25.4935

 9.2679, -10.5134,  
6.4875

152.6065,


0.0000, NaN, NaN


-32.3291, 26.9954


0.0000, NaN, NaN


167.7335,  
-33.9605, 28.4986


0.0000, NaN, NaN


 61.3549, -20.6408,  
16.3501


 61.3549, -20.6408,  
16.3501

 59.9929, -26.5664,  
20.6209


 62.9031, -14.0749,  
11.5151

 58.8157, -31.7879,  
24.2848


 64.6289, -6.9321,  
6.1625


 57.8250, -36.2587,  
27.3138


 66.5278, 0.7164,  
0.3460


 57.0181, -39.9480,  
29.6959


 68.5926, 8.8013,  
-5.8802


 56.3893, -42.8467,  
31.4391


 70.8155, 17.2571,  
-12.4636

 55.9290, -44.9725,  
32.5767

 73.1884, 26.0233,  
-19.3545

 55.6234, -46.3741,  
33.1723

 75.7028, 35.0461,  
-26.5077

 55.5102, -46.8945,  
33.3841

 76.9035, 38.6205,  
-24.8757

# Harmonies

## Analogous

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



61.3562, -11.2620, 21.2237



61.3549, -20.6408, 16.3501



61.3562, -25.2461, 7.2304

# Triad

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



61.3562, -20.6421, 16.3508



61.3562, -7.4517, -23.7882



61.3562, 21.0704, 10.6379

# Complementary

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



61.3549, -20.6408, 16.3501



53.0517, 16.7401, -12.3454

# 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.



61.3562, 22.2970, -0.8236



61.3549, -20.6408, 16.3501



61.3562, 5.1382, -22.3668

# Square

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



61.3562, -20.6421, 16.3508



61.3562, -18.0455, -16.9078



61.3562, 16.2635, -13.3435



61.3562, 13.0354, 18.4132



# Rectangle

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



61.3549, -20.6408, 16.3501



61.3562, -25.2601, -0.7287



61.3562, 16.2635, -13.3435



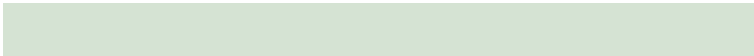
61.3562, 22.3160, 7.1474

# Sweetspot

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



61.3562, -20.6421, 16.3508



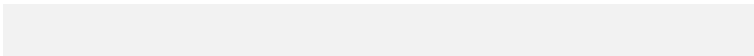
85.8778, -11.7811, 10.1344



62.8688, -7.1908, 18.0259



40.4222, -5.8194, 4.9773



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444



# Same Dimension

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



61.3562, -20.6421, 16.3508



81.1789, -31.6445, 24.7961



61.4171, -19.6193, 10.2598



29.9705, -4.8742, 4.1123



46.9897, -39.6169, 28.2613



7.9248, -6.2372, 4.7740



# Inverse Universe

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



53.0517, 16.7401, -12.3454



67.9607, 27.9701, -21.0029



53.0132, 15.4719, -3.5033



28.4607, 1.8988, -1.0799



26.8324, 54.2118, -46.6948



4.6191, 9.2452, -7.3631



# Previews

## White Background



This preview shows how the HunterLab color 61.3549, -20.6408, 16.3501 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

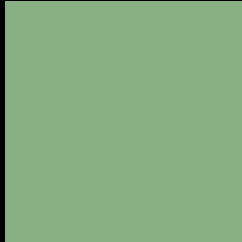
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 61.3549, -20.6408, 16.3501 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

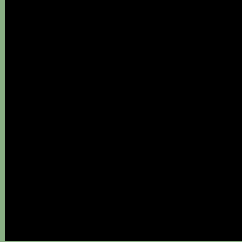
Any Text WCAG AA ✓ Pass

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 61.3549, -20.6408, 16.3501 Background



This preview shows how black text looks on a background with the HunterLab color 61.3549, -20.6408, 16.3501.



This preview shows how white text looks on a background with the HunterLab color 61.3549,

-20.6408, 16.3501.

# 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

61.3549, -20.6408, 16.3501

### Protanopia

61.0846, -4.5907, 18.0709

### Deuteranopia





61.0800, 4.6189, 15.1081




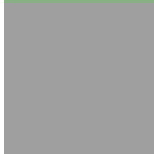

## Tritanopia

61.1575, -7.4305, -5.3497

# Trichromacy

	<b>Original Color</b> 61.3549, -20.6408, 16.3501
	<b>Protanomaly</b> 61.0505, -10.7463, 17.2609
	<b>Deuteranomaly</b> 60.7932, -5.2564, 15.0136
	<b>Tritanomaly</b> 61.2837, -12.8200, 3.5590

# Monochromacy

	<b>Original Color</b> 61.3549, -20.6408, 16.3501
	<b>Achromatopsia</b> 58.8816, -3.1418, 3.1991
	<b>Achromatomaly</b> 59.7156, -9.9176, 8.3917

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 61.3549, -20.6408, 16.3501 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(137, 175, 132)` looks like.

```
.text, #text, p{  
    color:rgb(137, 175, 132)  
}
```

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(137, 175, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 175, 132) }
```

## Border

The CSS property to change the border of an element to HunterLab 61.3549, -20.6408, 16.3501 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(137, 175, 132) }
```



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

```
.border{ border-color:rgb(137, 175, 132) }
```

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

Here you see how a box with a 4 pixel rgb(137, 175, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 175, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 175, 132);  
box-shadow:4px 4px 4px 4px rgb(137, 175,  
132) }
```

# Background

The CSS property to change the background color of an element to HunterLab 61.3549, -20.6408, 16.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 175, 132) }
```

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

```
.background{ background-color: rgb(137,  
175, 132) }
```

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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