

# Converting Colors

HunterLab(48.5538, -21.0570,  
19.9788)

Have a look what the booklet for  
HunterLab(48.5538, -21.0570,  
19.9788) contains.

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# Color

**HunterLab(48.5847,  
-21.0873, 20.0687)**

# Conversions

Conversions Part 1	
Format	Color
Hex	6A9051
RGB	106, 144, 81
RGB Percent	42%, 56%, 32%
CMY	0.5843, 0.4353, 0.6823
CMYK	0.26, 0.00, 0.44, 0.44
HSL	96°, 28%, 44%
HSV	96°, 44%, 56%
XYZ	17.4023, 23.6047, 11.4235
YIQ	125.4560, -2.4250, -27.6490

# Conversions

## Conversions Part 2

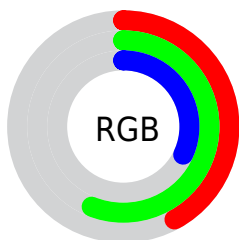
Format	Color
<a href="#">RYB</a>	<a href="#">81, 144, 119</a>
Decimal	<a href="#">6983761</a>
CIELab	<a href="#">55.69, -25.09, 29.28</a>
CIELCh	<a href="#">56, 38.557, 130.600</a>
Yxy	<a href="#">23.6058, 0.3319, 0.4502</a>
Android (android.graphics.Color)	<a href="#">4285173841</a> (0xFF6A9051)
YUV	<a href="#">125.4560, -21.9168, -17.0629</a>
Hunter-Lab	<a href="#">48.5847, -21.0873, 20.0687</a>

# Details

The HunterLab color  $48.5847, -21.0873, 20.0687$  is a dark color, and the websafe version is hex  $669966$ . A complement of this color would be  $34.3818, 20.7457, -23.9540$ , and the grayscale version is  $45.5484, -2.4304, 2.4747$ .

A 20% lighter version of the original color is  $70.2836, -24.9916, 24.7569$ , and  $29.6394, -16.7345, 14.9434$  is the 20% darker color. If you saturate the color by 10%, you get  $47.8608, -24.3140, 22.5652$ , and if you desaturate by 10%, it is  $49.4011, -17.4862, 17.0257$ .

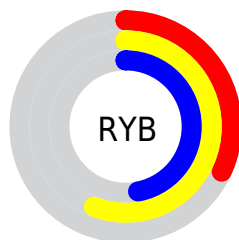
# Distribution



Red (42%)

Green (56%)

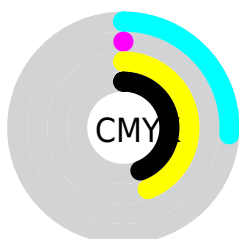
Blue (32%)



Red (32%)

Yellow (56%)

Blue (47%)

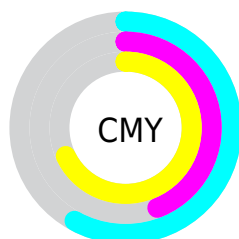


Cyan (26%)

Magenta (0%)

Yellow (44%)

Black (44%)



Cyan (58%)

Magenta (44%)


Yellow (68%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.5847, -21.0873, 20.0687 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 48.5847, -21.0873, 20.0687 by changing the saturation by 10% instead.





 48.5847, -21.0873,  
20.0687


 48.5847, -21.0873,  
20.0687


164.5665,  
-37.8726, 39.0353


 38.7833, -18.9958,  
17.6165


 70.2752, -25.0507,  
24.6498

 29.7464, -16.7910,  
15.0075


 82.0798, -26.9558,  
26.8252


 21.5464, -14.4247,  
12.1859

 94.4799, -28.8257,  
28.9453

 14.2796, -11.8109,  
9.9957

 107.4484,  
-30.6684, 31.0214

 7.9374, -13.8904,  
5.5561

 120.9613,  
-32.4900, 33.0622

0.0000, NaN, NaN

0.0000, NaN, NaN


134.9976,


-34.2955, 35.0746


0.0000, NaN, NaN


149.5382,  
-36.0886, 37.0641


0.0000, NaN, NaN


 48.5847, -21.0873,  
20.0687


 48.5847, -21.0873,  
20.0687


 47.8608, -24.3140,  
22.5652


 49.4011, -17.4862,  
17.0257


 47.2257, -27.1501,  
24.5164


 50.3065, -13.5258,  
13.4422


 46.6787, -29.5907,  
25.9374


 51.3012, -9.2291,  
9.3341


 46.2171, -31.6380,  
26.8578


 52.3836, -4.6210,  
4.7230


 45.8364, -33.3053,  
27.3268


 53.5516, 0.2724,  
-0.3648

 45.6305, -34.2058,  
27.5185

 54.8029, 5.4242,  
-5.9002

 56.1346, 10.8081,  
-11.8522

 57.5440, 16.3986,  
-18.1892

 59.0280, 22.1715,  
-24.8797

# Harmonies

## Analogous

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



48.5858, -8.1414, 23.5536



48.5847, -21.0873, 20.0687



48.5858, -28.4076, 11.4190

# Triad

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



48.5858, -21.0884, 20.0691



48.5858, -12.4252, -33.9850



48.5858, 31.6055, 7.7399

# Complementary

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



48.5847, -21.0873, 20.0687



34.3818, 20.7457, -23.9540

# 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.



48.5858, 30.0678, -8.1501



48.5847, -21.0873, 20.0687



48.5858, 3.2119, -35.9564

# Square

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



48.5858, -21.0884, 20.0691



48.5858, -23.8733, -20.5965



48.5858, 19.1592, -25.3364



48.5858, 23.1222, 18.1308



# Rectangle

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



48.5847, -21.0873, 20.0687



48.5858, -29.7592, 2.3365



48.5858, 19.1592, -25.3364



48.5858, 32.2681, 2.9508

# Sweetspot

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



48.5858, -21.0884, 20.0691



68.1968, -11.9699, 12.1150



44.3513, 1.1111, 16.9415



32.5250, -6.3024, 6.3586



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248



# Same Dimension

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



48.5858, -21.0884, 20.0691



63.5307, -32.4252, 30.0663



47.3180, -25.8446, 17.3254



24.7533, -3.4208, 3.4818



42.5956, -31.8558, 25.6895



4.3088, -2.5264, 2.6108



# Inverse Universe

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



34.3818, 20.7457, -23.9540



40.8055, 35.1509, -41.8597



36.9338, 27.2439, -15.1831



23.2502, 0.9384, -1.0308



18.7778, 41.4954, -60.2520



2.1574, 4.4716, -4.6297



# Previews

## White Background



This preview shows how the HunterLab color 48.5847, -21.0873, 20.0687 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 48.5847, -21.0873, 20.0687 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

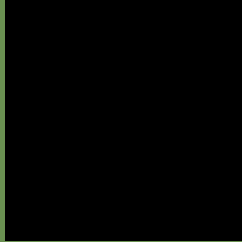
Any Text WCAG AA ✓ Pass

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 48.5847, -21.0873, 20.0687 Background



This preview shows how black text looks on a background with the HunterLab color 48.5847, -21.0873, 20.0687.



This preview shows how white text looks on a background with the HunterLab color 48.5847, -21.0873, 20.0687.

-21.0873, 20.0687.

# 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

48.5847, -21.0873, 20.0687

### Protanopia

48.3961, -5.0953, 21.1307

### Deuteranopia





48.2786, 3.2355, 19.2511





## Tritanopia

48.4024, -6.2526, -4.0971

# Trichromacy

	<b>Original Color</b> 48.5847, -21.0873, 20.0687
	<b>Protanomaly</b> 48.2355, -11.5813, 20.6602
	<b>Deuteranomaly</b> 47.9485, -6.4658, 19.0610
	<b>Tritanomaly</b> 48.3115, -12.5346, 6.5527

# Monochromacy

	<b>Original Color</b> 48.5847, -21.0873, 20.0687
	<b>Achromatopsia</b> 45.2856, -2.4163, 2.4605
	<b>Achromatomaly</b> 46.3230, -9.8441, 9.8537

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 48.5847, -21.0873, 20.0687 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(106, 144, 81)` looks like.

```
.text, #text, p{  
    color:rgb(106, 144, 81)  
}
```

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(106, 144, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 144, 81) }
```

## Border

The CSS property to change the border of an element to HunterLab 48.5847, -21.0873, 20.0687 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(106, 144, 81) }
```



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

```
.border{ border-color:rgb(106, 144, 81) }
```

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

Here you see how a box with a 4 pixel rgb(106, 144, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 144, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 144, 81);  
box-shadow:4px 4px 4px 4px rgb(106, 144,  
81) }
```

# Background

The CSS property to change the background color of an element to HunterLab 48.5847, -21.0873, 20.0687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 144, 81) }
```

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

```
.background{ background-color: rgb(106,  
144, 81) }
```

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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