

# Converting Colors

HunterLab(48.4130, -11.5722,  
17.5407)

Have a look what the booklet for  
HunterLab(48.4130, -11.5722,  
17.5407) contains.

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# Color

**HunterLab(48.4990,  
-11.7091, 17.5801)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	808A5B
RGB	128, 138, 91
RGB Percent	50%, 54%, 36%
CMY	0.4980, 0.4588, 0.6431
CMYK	0.07, 0.00, 0.34, 0.46
HSL	73°, 21%, 45%
HSV	73°, 34%, 54%
XYZ	19.8789, 23.5215, 13.3899
YIQ	129.6520, 9.1270, -16.7370

# Conversions

## Conversions Part 2

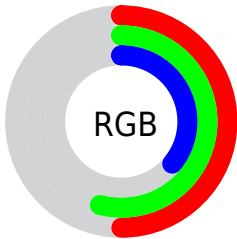
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 138, 101
Decimal	8424027
CIELab	55.61, -11.85, 24.00
CIElCh	56, 26.768, 116.281
Yxy	23.5226, 0.3500, 0.4142
Android (android.graphics.Color)	4286614107 (0xFF808A5B)
YUV	129.6520, -19.0554, -1.4488
Hunter-Lab	48.4990, -11.7091, 17.5801

# Details

The HunterLab color  $48.4990, -11.7091, 17.5801$  is a dark color, and the websafe version is hex  $999966$ . A complement of this color would be  $34.7628, 9.4930, -19.4252$ , and the grayscale version is  $47.1810, -2.5175, 2.5634$ .

A 20% lighter version of the original color is  $70.0274, -14.0386, 21.2375$ , and  $29.6327, -9.1717, 13.3313$  is the 20% darker color. If you saturate the color by 10%, you get  $48.0431, -13.8454, 20.6507$ , and if you desaturate by 10%, it is  $49.0042, -9.3405, 13.9274$ .

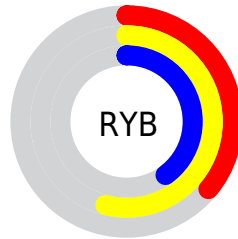
# Distribution



Red (50%)

Green (54%)

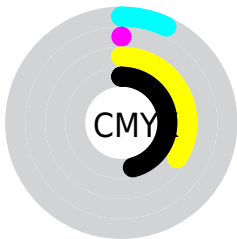
Blue (36%)



Red (36%)

Yellow (54%)

Blue (40%)

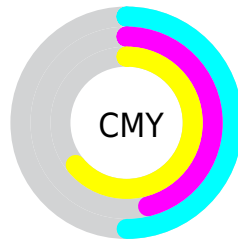


Cyan (7%)

Magenta (0%)

Yellow (34%)

Black (46%)



Cyan (50%)

Magenta (46%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.4990, -11.7091, 17.5801 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 48.4990, -11.7091, 17.5801 by changing the saturation by 10% instead.



■ 48.4990, -11.7091,  
17.5801

■ 48.4990, -11.7091,  
17.5801

164.4378,  
-22.7826, 34.0882

■ 38.7038, -10.4732,  
15.5053

■ 70.1783, -14.1514,  
21.4942

■ 29.6736, -9.2111,  
13.3116

■ 81.9777, -15.3675,  
23.3701

■ 21.4811, -7.9061,  
10.9509

■ 94.3730, -16.5858,  
25.2089

■ 14.2226, -6.5255,  
9.1087

■ 107.3368,  
-17.8090, 27.0191

■ 7.8783, -6.9763,  
5.5148

120.8452,  
-19.0389, 28.8074

0.0000, NaN, NaN

134.8771,

0.0000, NaN, NaN

-20.2772, 30.5791

0.0000, NaN, NaN

149.4136,  
-21.5247, 32.3382

0.0000, NaN, NaN

■ 48.4990, -11.7091,  
17.5801

■ 48.4990, -11.7091,  
17.5801

■ 48.0431, -13.8454,  
20.6507

■ 49.0042, -9.3405,  
13.9274

■ 47.6321, -15.7467,  
23.1480

■ 49.5564, -6.7371,  
9.6873

■ 47.2654, -17.4186,  
25.0909

■ 50.1572, -3.9041,  
4.8625

■ 46.9409, -18.8689,  
26.5064

■ 50.8068, -0.8471,  
-0.5394

■ 46.6557, -20.1101,  
27.4324

■ 51.5052, 2.4266,  
-6.5066

■ 46.4061, -21.1617,  
27.9239

■ 52.2521, 5.9082,  
-13.0233

■ 46.2666, -21.7429,  
28.1286

■ 53.0472, 9.5884,  
-20.0710

■ 53.8898, 13.4566,  
-27.6283

■ 54.7792, 17.5022,  
-35.6724

# Harmonies

## Analogous

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



48.5001, -1.1940, 18.8828



48.4990, -11.7091, 17.5801



48.5001, -19.1441, 12.6392

# Triad

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



48.5001, -11.7104, 17.5806



48.5001, -13.9119, -17.5382



48.5001, 20.6756, 1.3004

# Complementary

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



48.4990, -11.7091, 17.5801



34.7628, 9.4930, -19.4252

# 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.



48.5001, 16.5323, -10.0807



48.4990, -11.7091, 17.5801



48.5001, -3.9712, -22.3970

# Square

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



48.5001, -11.7104, 17.5806



48.5001, -20.3323, -7.2708



48.5001, 7.2576, -19.4005



48.5001, 18.1368, 10.8194



# Rectangle

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



48.4990, -11.7091, 17.5801



48.5001, -21.6855, 7.2258



48.5001, 7.2576, -19.4005



48.5001, 20.0092, -2.4425

# Sweetspot

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



48.5001, -11.7104, 17.5806



66.0912, -7.5340, 10.4897



39.1798, 8.7312, 9.3170



31.2556, -3.7807, 5.3273



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223



# Same Dimension

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



48.5001, -11.7104, 17.5806



63.9101, -17.7896, 26.5923



46.8432, -17.9001, 16.0233



24.0669, -2.5955, 3.5694



44.3075, -20.7908, 26.9381



3.6962, -1.3682, 2.2536



# Inverse Universe

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



34.7628, 9.4930, -19.4252



41.7840, 16.7596, -34.0998



36.8719, 15.9673, -15.6663



22.2267, 0.1957, -1.2543



13.9012, 35.9085, -84.8327



1.3484, 3.1380, -5.5540



# Previews

## White Background



This preview shows how the HunterLab color 48.4990, -11.7091, 17.5801 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 48.4990, -11.7091, 17.5801 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

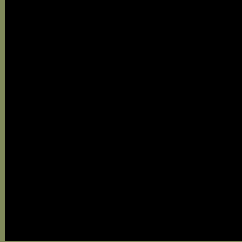
Any Text WCAG AA ✓ Pass

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 48.4990, -11.7091, 17.5801 Background



This preview shows how black text looks on a background with the HunterLab color 48.4990, -11.7091, 17.5801.



This preview shows how white text looks on a background with the HunterLab color 48.4990, -11.7091, 17.5801.

-11.7091, 17.5801.

# 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

48.4990, -11.7091, 17.5801

### Protanopia

48.4000, -4.6985, 18.1639

### Deuteranopia

48.2060, 3.2704, 17.0245



## Tritanopia

48.5864, -0.0666, -1.2913

# Trichromacy



## Original Color

48.4990, -11.7091, 17.5801

## Protanomaly

48.4452, -7.4375, 17.8833

## Deuteranomaly

48.1750, -2.4921, 17.1803

## Tritanomaly

48.3589, -4.8401, 6.7391

# Monochromacy



## Original Color

48.4990, -11.7091, 17.5801

## Achromatopsia

47.2470, -2.5210, 2.5670

## Achromatomaly

47.6478, -6.2368, 8.6910

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 48.4990, -11.7091, 17.5801 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(128, 138, 91)` looks like.

```
.text, #text, p{  
    color:rgb(128, 138, 91)  
}
```

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(128, 138, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 138, 91) }
```

## Border

The CSS property to change the border of an element to HunterLab 48.4990, -11.7091, 17.5801 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(128, 138, 91) }
```



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

```
.border{ border-color:rgb(128, 138, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 138, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 138, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 138, 91);  
box-shadow:4px 4px 4px 4px rgb(128, 138,  
91) }
```

# Background

The CSS property to change the background color of an element to HunterLab 48.4990, -11.7091, 17.5801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 138, 91) }
```

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

```
.background{ background-color: rgb(128,  
138, 91) }
```

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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