

# Converting Colors

HunterLab(71.7220, -48.2422,  
24.9387)

Have a look what the booklet for  
HunterLab(71.7220, -48.2422,  
24.9387) contains.

<b>HunterLab(71.8568, -48.4125, 25.1207)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(71.8568,  
-48.4125, 25.1207)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47D785
RGB	71, 215, 133
RGB Percent	28%, 84%, 52%
CMY	0.7216, 0.1568, 0.4784
CMYK	0.67, 0.00, 0.38, 0.16
HSL	146°, 64%, 56%
HSV	146°, 67%, 84%
XYZ	31.1327, 51.6340, 30.5159
YIQ	162.5960, -59.5020, -56.0300

# Conversions

## Conversions Part 2

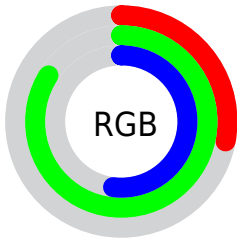
Format	Color
<a href="#">RYB</a>	<a href="#">71, 172, 215</a>
Decimal	<a href="#">4708229</a>
CIELab	<a href="#">77.06, -56.46, 29.57</a>
CIELCh	<a href="#">77, 63.737, 152.361</a>
Yxy	<a href="#">51.6361, 0.2748, 0.4558</a>
Android (android.graphics.Color)	<a href="#">4282898309 (0xFF47D785)</a>
YUV	<a href="#">162.5960, -14.5908, -80.3297</a>
Hunter-Lab	<a href="#">71.8568, -48.4125, 25.1207</a>

# Details

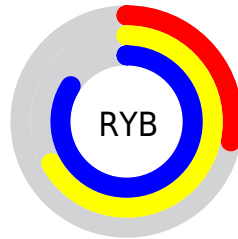
The HunterLab color **71.8568, -48.4125, 25.1207** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **46.1027, 58.8172, -9.3219**, and the grayscale version is **60.4300, -3.2244, 3.2833**.

A 20% lighter version of the original color is **89.5872, -47.7471, 23.2531**, and **50.4038, -38.9065, 20.9875** is the 20% darker color. If you saturate the color by 10%, you get **71.1639, -51.7238, 27.9388**, and if you desaturate by 10%, it is **72.7710, -44.2072, 22.1606**.

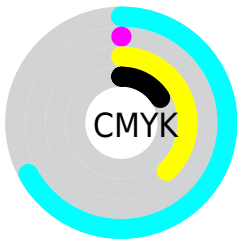
# Distribution



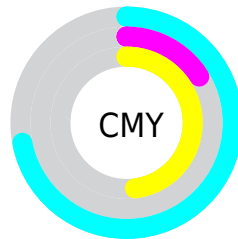
- Red (28%)
- Green (84%)
- Blue (52%)



- Red (28%)
- Yellow (67%)
- Blue (84%)



- Cyan (67%)
- Magenta (0%)
- Yellow (38%)
- Black (16%)




- Cyan (72%)
- Magenta (16%)
- Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.8568, -48.4125, 25.1207 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 71.8568, -48.4125, 25.1207 by changing the saturation by 10% instead.





 71.8568, -48.4125,  
25.1207


 71.8568, -48.4125,  
25.1207


198.2499,  
-77.7500, 43.4954


 60.5930, -44.6065,  
22.8686


 96.2259, -55.5638,  
29.4342


 49.9870, -40.5958,  
20.5278


 109.2705,  
-58.9592, 31.5198

 40.0841, -36.3266,  
18.0723


 122.8564,  
-62.2599, 33.5704

 30.9384, -31.7195,  
15.4647


 136.9628,  
-65.4798, 35.5929

 22.6186, -26.6554,  
12.6512

151.5714,  
-68.6302, 37.5925

 15.2167, -21.7374,  
10.6517

166.6653,

 8.8424, -15.4743,

-71.7204, 39.5738

6.1897

182.2294,  
-74.7582, 41.5404

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.8568, -48.4125,  
25.1207

■ 71.8568, -48.4125,  
25.1207

■ 71.1639, -51.7238,  
27.9388

■ 72.7710, -44.2072,  
22.1606

■ 70.6707, -54.1772,  
30.5748

■ 73.9132, -39.1020,  
19.0969

■ 70.3522, -55.8627,  
32.9910


■ 75.2913, -33.1234,  
15.9707


■ 70.2749, -56.2845,  
33.6646


■ 76.9076, -26.3199,  
12.8213


■ 78.7608, -18.7572,

9.6849

 80.8466, -10.5116,  
6.5937

 83.1586, -1.6648,  
3.5751

 85.6886, 7.7009,  
0.6511

 87.3760, 14.0953,  
-3.5544

# Harmonies

## Analogous

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



71.8583, -32.3727, 36.6917



71.8568, -48.4125, 25.1207



71.8583, -53.1719, 1.5969

# Triad

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



71.8583, -48.4133, 25.1213



71.8583, -1.4286, -76.1459



71.8583, 52.1332, 27.6555

# Complementary

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



71.8568, -48.4125, 25.1207



46.1027, 58.8172, -9.3219

# 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.



71.8583, 63.9320, 6.1515



71.8568, -48.4125, 25.1207



71.8583, 29.9875, -60.2055

# Square

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



71.8583, -48.4133, 25.1213



71.8583, -28.8587, -64.3171



71.8583, 55.2305, -26.7500



71.8583, 25.1570, 37.6725

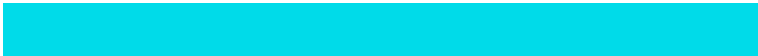


# Rectangle

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



71.8568, -48.4125, 25.1207



71.8583, -50.0712, -20.4581



71.8583, 55.2305, -26.7500



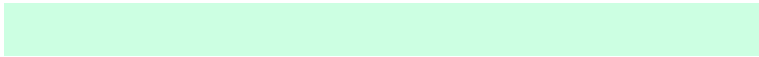
71.8583, 58.1899, 21.9245

# Sweetspot

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



71.8583, -48.4133, 25.1213



94.7872, -25.8009, 12.9684



74.8510, -38.0868, 40.7337



43.5563, -13.1459, 6.4994

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.8583, -48.4133, 25.1213



86.0715, -63.9934, 35.1350



73.6577, -37.5880, -0.7515



37.3950, -5.8594, 3.4190



54.3670, -43.4120, 25.7600



13.4134, -10.2809, 5.4280



# Inverse Universe

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



46.1027, 58.8172, -9.3219



51.4042, 81.6333, -9.1575



44.2483, 51.0113, 17.1922



35.4092, 2.1389, 0.5949



30.8376, 55.6266, -1.9048

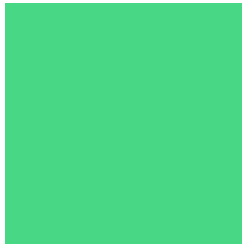


7.6813, 14.0506, -1.9833



# Previews

## White Background



This preview shows how the HunterLab color 71.8568, -48.4125, 25.1207 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 71.8568, -48.4125, 25.1207 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

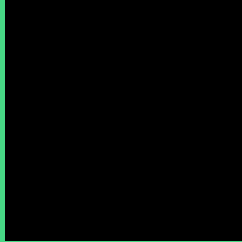
Any Text WCAG AA ✓ Pass

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 71.8568, -48.4125, 25.1207 Background



This preview shows how black text looks on a background with the HunterLab color 71.8568, -48.4125, 25.1207.



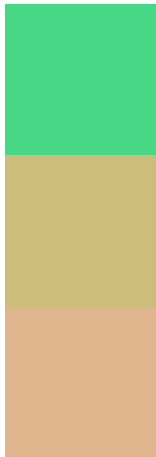
This preview shows how white text looks on a background with the HunterLab color 71.8568,

-48.4125, 25.1207.

# 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

71.8568, -48.4125, 25.1207

### Protanopia

71.2597, -7.2555, 28.4633

### Deuteranopia

71.1750, 5.2604, 22.9583



## Tritanopia

71.5758, -25.1953, -13.0012

# Trichromacy



## Original Color

71.8568, -48.4125, 25.1207



## Protanomaly

69.9732, -26.3570, 25.9307



## Deuteranomaly

69.4980, -19.3834, 21.9720



## Tritanomaly

71.4213, -34.8752, 3.4323

# Monochromacy



## Original Color

71.8568, -48.4125, 25.1207



## Achromatopsia

60.5188, -3.2291, 3.2881



## Achromatomaly

63.6150, -22.6547, 11.1165

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.8568, -48.4125, 25.1207 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(71, 215, 133)` looks like.

```
.text, #text, p{  
    color:rgb(71, 215, 133)  
}
```

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(71, 215, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 215, 133) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.8568, -48.4125, 25.1207 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(71, 215, 133) }
```



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

```
.border{ border-color:rgb(71, 215, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 215, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 215, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 215, 133);  
box-shadow:4px 4px 4px 4px rgb(71, 215,  
133) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.8568, -48.4125, 25.1207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 215, 133) }
```

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

```
.background{ background-color: rgb(71, 215,  
133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor