

# Converting Colors

HunterLab(71.9932, -37.6871,  
24.0851)

Have a look what the booklet for  
HunterLab(71.9932, -37.6871,  
24.0851) contains.

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# Color

**HunterLab(71.8457,  
-37.5698, 24.0823)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BD189
RGB	123, 209, 137
RGB Percent	48%, 82%, 54%
CMY	0.5176, 0.1804, 0.4627
CMYK	0.41, 0.00, 0.34, 0.18
HSL	130°, 48%, 65%
HSV	130°, 41%, 82%
XYZ	35.4842, 51.6180, 31.7601
YIQ	175.0780, -28.1440, -40.6240

# Conversions

## Conversions Part 2

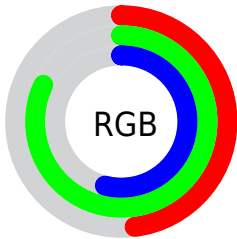
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 197, 209
Decimal	8114569
CIELab	77.05, -41.06, 27.80
CIElCh	77, 49.583, 145.903
Yxy	51.6202, 0.2985, 0.4343
Android (android.graphics.Color)	4286304649 (0xFF7BD189)
YUV	175.0780, -18.7725, -45.6724
Hunter-Lab	71.8457, -37.5698, 24.0823

# Details

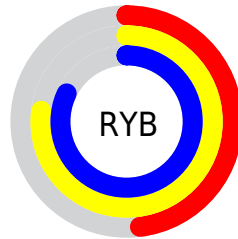
The HunterLab color  $71.8457, -37.5698, 24.0823$  is a light color, and the websafe version is hex  $66CC99$ . A complement of this color would be  $56.2693, 38.6630, -19.0534$ , and the grayscale version is  $65.5921, -3.4998, 3.5637$ .

A 20% lighter version of the original color is  $92.1224, -37.6811, 24.3825$ , and  $50.0120, -31.7739, 19.8235$  is the 20% darker color. If you saturate the color by 10%, you get  $70.5533, -43.3873, 27.9146$ , and if you desaturate by 10%, it is  $73.3983, -30.7797, 19.8166$ .

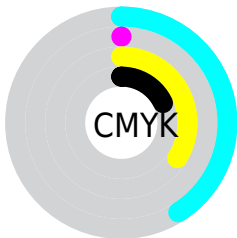
# Distribution



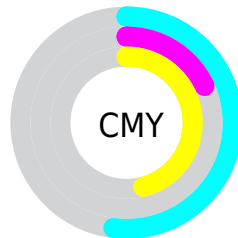
- Red (48%)
- Green (82%)
- Blue (54%)



- Red (48%)
- Yellow (77%)
- Blue (82%)



- Cyan (41%)
- Magenta (0%)
- Yellow (34%)
- Black (18%)



- Cyan (52%)
- Magenta (18%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.8457, -37.5698, 24.0823 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 71.8457, -37.5698, 24.0823 by changing the saturation by 10% instead.



■ 71.8457, -37.5698,  
24.0823

■ 71.8457, -37.5698,  
24.0823

198.2344,  
-60.4080, 41.7124

■ 60.5825, -34.7008,  
21.9381

■ 96.2138, -43.0221,  
28.2003

■ 49.9772, -31.7012,  
19.7136

■ 109.2578,  
-45.6376, 30.1964

■ 40.0750, -28.5347,  
17.3845

■ 122.8431,  
-48.1964, 32.1620

■ 30.9300, -25.1467,  
14.9154

136.9491,  
-50.7077, 34.1032

■ 22.6111, -21.4526,  
12.2548

151.5572,  
-53.1789, 36.0252

■ 15.2101, -17.3225,  
10.2095

166.6506,

■ 8.8365, -15.4638,

-55.6161, 37.9319

6.1855

182.2143,  
-58.0244, 39.8267

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.8457, -37.5698,  
24.0823

■ 71.8457, -37.5698,  
24.0823

■ 70.5533, -43.3873,  
27.9146

■ 73.3983, -30.7797,  
19.8166

■ 69.5130, -48.1796,  
31.2669

■ 75.2061, -23.0868,  
15.1685

■ 68.7176, -51.9305,  
34.1070

■ 77.2661, -14.5814,  
10.1955

■ 68.1524, -54.6611,  
36.4171


■ 79.5713, -5.3613,  
4.9552


■ 67.7957, -56.4382,


■ 82.1123, 4.4738,

38.1962

-0.4975

 67.6155, -57.3697,  
39.3313

 84.8784, 14.8277,  
-6.1123

 86.0715, 19.6210,  
-11.7899

# Harmonies

## Analogous

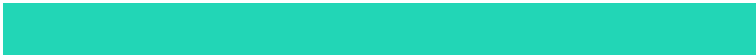
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.8472, -22.5385, 32.8366



71.8457, -37.5698, 24.0823



71.8472, -43.5969, 6.9159

# Triad

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



71.8472, -37.5710, 24.0829



71.8472, -7.0388, -53.5641



71.8472, 41.5169, 20.2748

# Complementary

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



71.8457, -37.5698, 24.0823



56.2693, 38.6630, -19.0534

# 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.



71.8472, 47.0419, 0.7701



71.8457, -37.5698, 24.0823



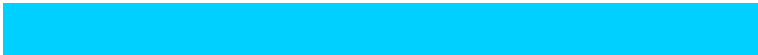
71.8472, 16.9966, -46.5230

# Square

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



71.8472, -37.5710, 24.0829



71.8472, -27.4642, -41.5911



71.8472, 37.5605, -24.6147



71.8472, 23.3019, 31.1855

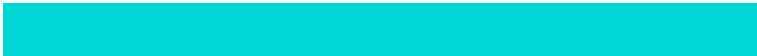


# Rectangle

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



71.8457, -37.5698, 24.0823



71.8472, -42.3496, -8.8986



71.8472, 37.5605, -24.6147



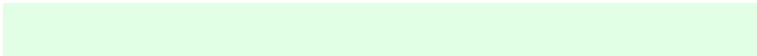
71.8472, 45.0125, 14.7245

# Sweetspot

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



71.8472, -37.5710, 24.0829



96.4934, -19.3557, 13.3999



76.6699, -19.6997, 32.4074



44.4782, -9.6254, 6.5876

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.8472, -37.5710, 24.0829



88.5914, -53.2636, 34.2355



72.8455, -31.6771, 9.6627



36.3830, -6.1031, 4.3581



53.1010, -44.9896, 30.7480



12.5962, -10.3887, 6.6820



# Inverse Universe

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



56.2693, 38.6630, -19.0534



65.7396, 59.2082, -29.1078



54.7954, 31.5995, 1.6610



34.6044, 2.5011, -0.5505



32.0592, 60.8915, -25.7110

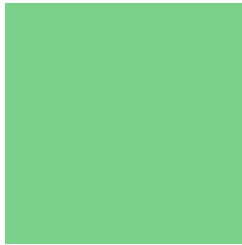


7.6402, 14.6076, -6.8735



# Previews

## White Background



This preview shows how the HunterLab color 71.8457, -37.5698, 24.0823 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 71.8457, -37.5698, 24.0823 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

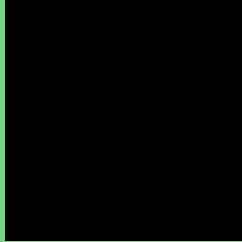
Any Text WCAG AA ✓ Pass

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 71.8457, -37.5698, 24.0823 Background



This preview shows how black text looks on a background with the HunterLab color 71.8457, -37.5698, 24.0823.



This preview shows how white text looks on a background with the HunterLab color 71.8457,

-37.5698, 24.0823.

# 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

71.8457, -37.5698, 24.0823

### Protanopia

71.3858, -6.5594, 26.6230

### Deuteranopia

71.2172, 5.4861, 22.3453



## Tritanopia

71.5836, -17.2076, -9.4407

# Trichromacy



## Original Color

71.8457, -37.5698, 24.0823



## Protanomaly

70.8941, -19.3629, 25.0890



## Deuteranomaly

70.5333, -12.2537, 22.0654



## Tritanomaly

71.6144, -25.6286, 4.7569

# Monochromacy



## Original Color

71.8457, -37.5698, 24.0823



## Achromatopsia

65.4745, -3.4936, 3.5574



## Achromatomaly

67.2174, -16.9484, 11.3807

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.8457, -37.5698, 24.0823 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(123, 209, 137)` looks like.

```
.text, #text, p{  
    color:rgb(123, 209, 137)  
}
```

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(123, 209, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 209, 137) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.8457, -37.5698, 24.0823 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(123, 209, 137) }
```



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

```
.border{ border-color:rgb(123, 209, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 209, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 209, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 209, 137); box-shadow:4px 4px 4px 4px rgb(123, 209, 137) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.8457, -37.5698, 24.0823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 209, 137) }
```

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

```
.background{ background-color: rgb(123,  
209, 137) }
```

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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