

Converting Colors

HunterLab(74.0225, -37.8269,
23.5288)

Have a look what the booklet for
HunterLab(74.0225, -37.8269,
23.5288) contains.

HunterLab(73.9775, -37.6270, 23.4563)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(73.9775,
-37.6270, 23.4563)**

Conversions

Conversions Part 1

Format	Color
Hex	80D691
RGB	128, 214, 145
RGB Percent	50%, 84%, 57%
CMY	0.4980, 0.1608, 0.4314
CMYK	0.40, 0.00, 0.32, 0.16
HSL	132°, 51%, 67%
HSV	132°, 40%, 84%
XYZ	38.0595, 54.7267, 35.3454
YIQ	180.4200, -29.1070, -39.6910

Conversions

Conversions Part 2

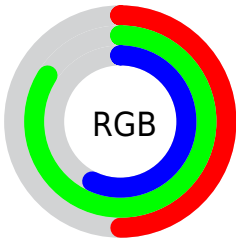
Format	Color
RYB	128, 200, 214
Decimal	8443537
CIELab	78.88, -40.45, 26.14
CIELCh	79, 48.159, 147.127
Yxy	54.7290, 0.2970, 0.4271
Android (android.graphics.Color)	4286633617 (0xFF80D691)
YUV	180.4200, -17.4621, -45.9723
Hunter-Lab	73.9775, -37.6270, 23.4563

Details

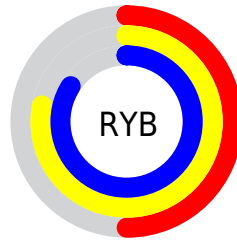
The HunterLab color $73.9775, -37.6270, 23.4563$ is a light color, and the websafe version is hex $66CC99$. A complement of this color would be $58.1092, 38.1697, -17.4239$, and the grayscale version is $67.8145, -3.6184, 3.6845$.

A 20% lighter version of the original color is $92.6466, -35.2869, 21.8918$, and $51.9816, -32.0208, 19.3917$ is the 20% darker color. If you saturate the color by 10%, you get $72.6295, -43.6675, 27.3655$, and if you desaturate by 10%, it is $75.5893, -30.6155, 19.1672$.

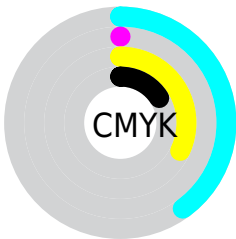
Distribution



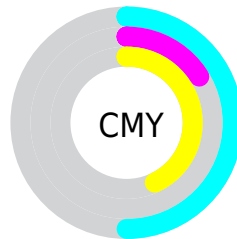
- Red (50%)
- Green (84%)
- Blue (57%)



- Red (50%)
- Yellow (78%)
- Blue (84%)



- Cyan (40%)
- Magenta (0%)
- Yellow (32%)
- Black (16%)





- Cyan (50%)
- Magenta (16%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 73.9775, -37.6270, 23.4563 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 73.9775, -37.6270, 23.4563 by changing the saturation by 10% instead.


 73.9775, -37.6270,
23.4563


 73.9775, -37.6270,
23.4563


201.2172,
-60.1342, 40.3605


 62.5977, -34.8146,
21.4235


 98.5615, -42.9838,
27.3776

 51.8686, -31.8797,
19.3215


 111.7064,
-45.5581, 29.2852

 41.8339, -28.7893,
17.1295


 125.3886,
-48.0789, 31.1677

 32.5456, -25.4936,
14.8162

139.5879,
-50.5549, 33.0304

 24.0693, -21.9160,
12.3361

154.2860,
-52.9931, 34.8777

 16.4918, -17.9310,
9.9306

169.4667,

 9.9361, -17.3882,

-55.3993, 36.7133

6.9553

185.1150,
-57.7783, 38.5401

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.9775, -37.6270,
23.4563

■ 73.9775, -37.6270,
23.4563

■ 72.6295, -43.6675,
27.3655

■ 75.5893, -30.6155,
19.1672

■ 71.5376, -48.6811,
30.8454

■ 77.4594, -22.7046,
14.5495

■ 70.6949, -52.6475,
33.8588

■ 79.5846, -13.9862,
9.6597

■ 70.0873, -55.5831,
36.3805


■ 81.9577, -4.5585,
4.5530


■ 69.6937, -57.5489,


■ 84.5690, 5.4789,

38.3998

-0.7193

 69.4728, -58.7026,
39.8872

 87.2548, 15.5337,
-6.3191

 87.5073, 16.8568,
-9.8842

Harmonies

Analogous

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



73.9790, -23.1016, 32.5889



73.9775, -37.6270, 23.4563



73.9790, -43.2299, 6.1101

Triad

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



73.9790, -37.6282, 23.4570



73.9790, -6.1608, -51.6964



73.9790, 39.7895, 20.7922

Complementary

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



73.9775, -37.6270, 23.4563



58.1092, 38.1697, -17.4239

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.



73.9790, 45.7429, 1.8812



73.9775, -37.6270, 23.4563



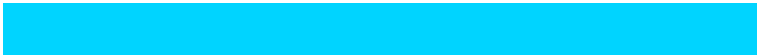
73.9790, 17.3698, -44.2050

Square

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



73.9790, -37.6282, 23.4570



73.9790, -26.5119, -40.8769



73.9790, 37.0911, -22.7192



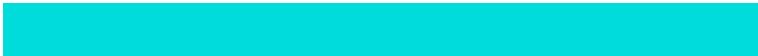
73.9790, 21.6856, 31.4142

Rectangle

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



73.9775, -37.6270, 23.4563



73.9790, -41.7339, -9.5016



73.9790, 37.0911, -22.7192



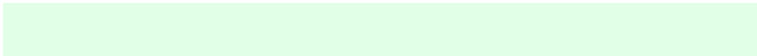
73.9790, 43.3676, 15.4019

Sweetspot

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



73.9790, -37.6282, 23.4570



96.5245, -19.1810, 12.9544



78.5442, -20.8783, 32.6169



44.4939, -9.5367, 6.3617

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



73.9790, -37.6282, 23.4570



88.8265, -52.0794, 32.5922



75.0084, -31.5659, 8.6074



37.3306, -6.2194, 4.3414



54.0216, -45.5689, 30.8479



13.3120, -10.9114, 6.9158

Inverse Universe

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



58.1092, 38.1697, -17.4239



66.0940, 57.0965, -25.9622



56.6656, 31.2108, 2.9083



35.4805, 2.5209, -0.4183



32.3256, 60.9526, -22.4757



8.0077, 15.2126, -6.4466

Previews

White Background



This preview shows how the HunterLab color 73.9775, -37.6270, 23.4563 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 73.9775, -37.6270, 23.4563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

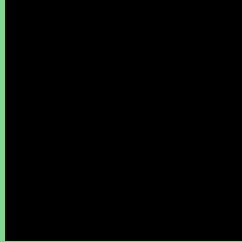
Any Text WCAG AA ✓ Pass

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 73.9775, -37.6270, 23.4563 Background



This preview shows how black text looks on a background with the HunterLab color 73.9775, -37.6270, 23.4563.



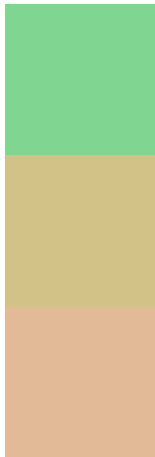
This preview shows how white text looks on a background with the HunterLab color 73.9775,

-37.6270, 23.4563.

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

73.9775, -37.6270, 23.4563

Protanopia

73.5274, -6.5272, 26.4106

Deuteranopia

73.2687, 5.3425, 21.5491



Tritanopia

73.7126, -17.2524, -9.9028

Trichromacy



Original Color

73.9775, -37.6270, 23.4563



Protanomaly

73.0347, -19.3704, 24.8353



Deuteranomaly

72.6128, -12.3937, 21.3098



Tritanomaly

73.7328, -25.7500, 4.4135

Monochromacy



Original Color

73.9775, -37.6270, 23.4563



Achromatopsia

67.5582, -3.6047, 3.6706



Achromatomaly

69.3299, -16.9959, 11.1583

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 73.9775, -37.6270, 23.4563 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, 214, 145)` looks like.

```
.text, #text, p{  
    color:rgb(128, 214, 145)  
}
```

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, 214, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 214, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 73.9775, -37.6270, 23.4563 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, 214, 145) }
```


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

```
.border{ border-color:rgb(128, 214, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 214, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 214, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 214, 145);  
box-shadow:4px 4px 4px 4px rgb(128, 214,  
145) }
```

Background

The CSS property to change the background color of an element to HunterLab 73.9775, -37.6270, 23.4563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 214, 145) }
```

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

```
.background{ background-color: rgb(128,  
214, 145) }
```

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