

# Converting Colors

HunterLab(73.6565, -43.6173,  
18.2200)

Have a look what the booklet for  
HunterLab(73.6565, -43.6173,  
18.2200) contains.

<b>HunterLab(73.6565, -43.6173, 18.2200)</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(73.6565,  
-43.6173, 18.2200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59D99F
RGB	89, 217, 159
RGB Percent	35%, 85%, 62%
CMY	0.6510, 0.1490, 0.3765
CMYK	0.59, 0.00, 0.27, 0.15
HSL	153°, 63%, 60%
HSV	153°, 59%, 85%
XYZ	35.1907, 54.2528, 41.4180
YIQ	172.1160, -57.6700, -45.1740

# Conversions

## Conversions Part 2

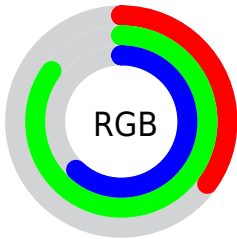
Format	Color
<a href="#">RYB</a>	<a href="#">89, 172, 217</a>
Decimal	<a href="#">5888415</a>
CIELab	<a href="#">78.61, -48.77, 18.21</a>
CIELCh	<a href="#">79, 52.053, 159.527</a>
Yxy	<a href="#">54.2550, 0.2689, 0.4146</a>
Android (android.graphics.Color)	<a href="#">4284078495 (0xFF59D99F)</a>
YUV	<a href="#">172.1160, -6.4662, -72.8927</a>
Hunter-Lab	<a href="#">73.6565, -43.6173, 18.2200</a>

# Details

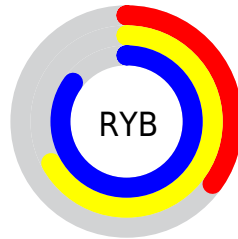
The HunterLab color  $73.6565, -43.6173, 18.2200$  is a light color, and the websafe version is hex  $33CC99$ . The color can be described as light muted spring green. A complement of this color would be  $48.9942, 50.7228, -2.3290$ , and the grayscale version is  $64.3221, -3.4321, 3.4947$ .

A 20% lighter version of the original color is  $90.9751, -40.9088, 13.8811$ , and  $51.5279, -36.8306, 15.1012$  is the 20% darker color. If you saturate the color by 10%, you get  $72.8059, -47.5144, 20.8180$ , and if you desaturate by 10%, it is  $74.7304, -38.8700, 15.6518$ .

# Distribution



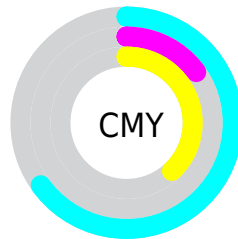
- Red (35%)
- Green (85%)
- Blue (62%)



- Red (35%)
- Yellow (67%)
- Blue (85%)



- Cyan (59%)
- Magenta (0%)
- Yellow (27%)
- Black (15%)




- Cyan (65%)
- Magenta (15%)
- Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.6565, -43.6173, 18.2200 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 73.6565, -43.6173, 18.2200 by changing the saturation by 10% instead.





 73.6565, -43.6173,  
18.2200


 73.6565, -43.6173,  
18.2200


200.7689,  
-69.5877, 31.9220


 62.2941, -40.3067,  
16.6471


 98.2082, -49.8776,  
21.3053


 51.5834, -36.8351,  
15.0406


 111.3380,  
-52.8671, 22.8289

 41.5685, -33.1594,  
13.3873


 125.0057,  
-55.7832, 24.3457

 32.3016, -29.2166,  
11.6668

 139.1910,  
-58.6369, 25.8592

 23.8487, -24.9108,  
9.8477

153.8757,  
-61.4373, 27.3717

 16.2974, -20.1114,  
7.8779

169.0433,

 9.7720, -17.1011,

-64.1920, 28.8853

6.8404

184.6789,  
-66.9070, 30.4016

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.6565, -43.6173,  
18.2200

■ 73.6565, -43.6173,  
18.2200

■ 72.8059, -47.5144,  
20.8180

■ 74.7304, -38.8700,  
15.6518

■ 72.1618, -50.5722,  
23.4055

■ 76.0310, -33.2852,  
13.1468

■ 71.7071, -52.8395,  
25.9430

■ 77.5632, -26.9015,  
10.7377

■ 71.4073, -54.4410,  
28.3810


■ 79.3270, -19.7744,  
8.4518

■ 71.3805, -54.5868,


■ 81.3195, -11.9715,


28.6178

6.3113

 83.5354, -3.5668,  
4.3329

 85.9675, 5.3631,  
2.5280

 87.7731, 12.0129,  
-0.1714

 88.1102, 13.7921,  
-4.9516

# Harmonies

## Analogous

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



73.6580, -31.9830, 31.1885



73.6565, -43.6173, 18.2200



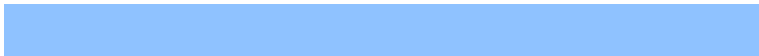
73.6580, -45.4365, -3.9297

# Triad

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



73.6580, -43.6181, 18.2207



73.6580, 4.1545, -56.4957



73.6580, 36.7303, 27.4957

# Complementary

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



73.6565, -43.6173, 18.2200



48.9942, 50.7228, -2.3290

# 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.



73.6580, 49.4500, 11.1527



73.6565, -43.6173, 18.2200



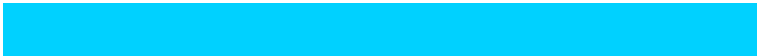
73.6580, 29.0630, -40.4548

# Square

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



73.6580, -43.6181, 18.2207



73.6580, -19.9359, -52.6572



73.6580, 46.4717, -13.7563



73.6580, 13.5622, 35.1772



# Rectangle

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



73.6565, -43.6173, 18.2200



73.6580, -41.1197, -22.1383



73.6580, 46.4717, -13.7563



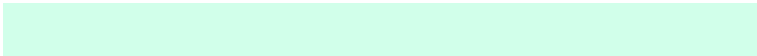
73.6580, 42.5007, 23.1007

# Sweetspot

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



73.6580, -43.6181, 18.2207



95.4159, -22.9988, 9.9283



75.3086, -39.4367, 38.2730



43.8398, -11.8525, 4.9563

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



73.6580, -43.6181, 18.2207



87.1719, -58.1138, 25.8216



73.8853, -31.7613, -7.7084



38.3729, -5.8293, 3.0259



55.5552, -42.3496, 21.9814



14.2014, -10.4024, 4.7052



# Inverse Universe

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



48.9942, 50.7228, -2.3290



53.4330, 72.4728, -0.7014



48.3216, 42.3549, 18.9197



36.2618, 2.0123, 1.1162



30.8030, 54.5636, 5.8538

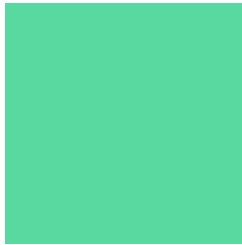


7.9494, 14.2852, -0.0705



# Previews

## White Background



This preview shows how the HunterLab color 73.6565, -43.6173, 18.2200 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 73.6565, -43.6173, 18.2200 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

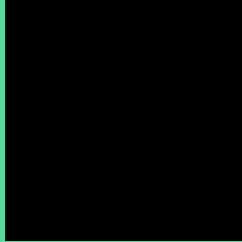
Any Text WCAG AA ✓ Pass

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 73.6565, -43.6173, 18.2200 Background



This preview shows how black text looks on a background with the HunterLab color 73.6565, -43.6173, 18.2200.



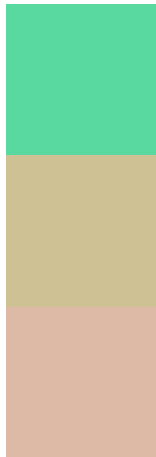
This preview shows how white text looks on a background with the HunterLab color 73.6565,

-43.6173, 18.2200.

# 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

73.6565, -43.6173, 18.2200

### Protanopia

73.0752, -6.0675, 22.1906

### Deuteranopia

72.9679, 5.0430, 15.7369



## Tritanopia

73.3914, -24.8810, -12.7594

# Trichromacy



## Original Color

73.6565, -43.6173, 18.2200



## Protanomaly

72.3150, -23.1457, 19.7996



## Deuteranomaly

71.7364, -16.5255, 15.2759



## Tritanomaly

73.2328, -32.3263, -0.1780

# Monochromacy



## Original Color

73.6565, -43.6173, 18.2200



## Achromatopsia

64.2295, -3.4271, 3.4897



## Achromatomaly

66.7137, -20.1231, 8.2654

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 73.6565, -43.6173, 18.2200 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(89, 217, 159)` looks like.

```
.text, #text, p{  
    color:rgb(89, 217, 159)  
}
```

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(89, 217, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 217, 159) }
```

## Border

The CSS property to change the border of an element to HunterLab 73.6565, -43.6173, 18.2200 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(89, 217, 159) }
```



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

```
.border{ border-color:rgb(89, 217, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 217, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 217, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 217, 159);  
box-shadow:4px 4px 4px 4px rgb(89, 217,  
159) }
```

# Background

The CSS property to change the background color of an element to HunterLab 73.6565, -43.6173, 18.2200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 217, 159) }
```

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

```
.background{ background-color: rgb(89, 217,  
159) }
```

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