

# Converting Colors

HunterLab(73.7535, -44.5117,  
20.2377)

Have a look what the booklet for  
HunterLab(73.7535, -44.5117,  
20.2377) contains.

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# Color

**HunterLab(73.9253,  
-44.5672, 20.2528)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5ADA9A
RGB	90, 218, 154
RGB Percent	35%, 85%, 60%
CMY	0.6470, 0.1451, 0.3961
CMYK	0.59, 0.00, 0.29, 0.15
HSL	150°, 63%, 60%
HSV	150°, 59%, 85%
XYZ	35.1206, 54.6495, 39.2692
YIQ	172.4320, -55.7440, -47.0400

# Conversions

## Conversions Part 2

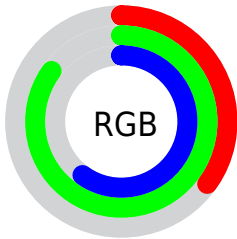
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 175, 218
Decimal	5954202
CIELab	78.84, -50.00, 21.15
CIELCh	79, 54.287, 157.066
Yxy	54.6517, 0.2722, 0.4235
Android (android.graphics.Color)	4284144282 (0xFF5ADA9A)
YUV	172.4320, -9.0870, -72.2929
Hunter-Lab	73.9253, -44.5672, 20.2528

# Details

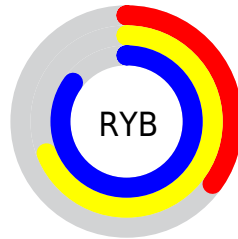
The HunterLab color **73.9253, -44.5672, 20.2528** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **49.5500, 51.6351, -5.1472**, and the grayscale version is **64.4629, -3.4396, 3.5024**.

A 20% lighter version of the original color is **90.8887, -41.5205, 15.9283**, and **51.8129, -37.5541, 16.5857** is the 20% darker color. If you saturate the color by 10%, you get **73.0529, -48.5872, 23.0406**, and if you desaturate by 10%, it is **75.0264, -39.6698, 17.4423**.

# Distribution



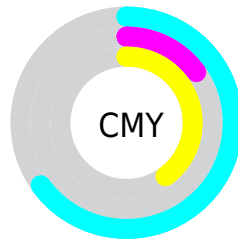
- Red (35%)
- Green (85%)
- Blue (60%)



- Red (35%)
- Yellow (69%)
- Blue (85%)



- Cyan (59%)
- Magenta (0%)
- Yellow (29%)
- Black (15%)




- Cyan (65%)
- Magenta (15%)
- Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.9253, -44.5672, 20.2528 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 73.9253, -44.5672, 20.2528 by changing the saturation by 10% instead.





 73.9253, -44.5672,  
20.2528


 73.9253, -44.5672,  
20.2528


201.1443,  
-71.0400, 35.1285


 62.5483, -41.1859,  
18.5119


 98.5040, -50.9572,  
23.6438


 51.8222, -37.6386,  
16.7246


 111.6464,  
-54.0067, 25.3079

 41.7907, -33.8814,  
14.8747


 125.3263,  
-56.9801, 26.9588

 32.5059, -29.8498,  
12.9379

 139.5233,  
-59.8887, 28.6003

 24.0334, -25.4466,  
10.8772

154.2193,  
-62.7420, 30.2357

 16.4602, -20.5426,  
8.6691

169.3978,

 9.9094, -17.3414,

-65.5475, 31.8675

6.9366

185.0440,  
-68.3118, 33.4979

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.9253, -44.5672,  
20.2528

■ 73.9253, -44.5672,  
20.2528

■ 73.0529, -48.5872,  
23.0406

■ 75.0264, -39.6698,  
17.4423

■ 72.3923, -51.7383,  
25.7640

■ 76.3592, -33.9104,  
14.6453

■ 71.9265, -54.0679,  
28.3832

■ 77.9285, -27.3316,  
11.8981

■ 71.6222, -55.6961,  
30.8515

■ 79.7338, -19.9926,  
9.2320

■ 71.5883, -55.8809,

■ 81.7719, -11.9650,

31.1516

6.6739

■ 84.0370, -3.3263,  
4.2452

■ 86.5215, 5.8436,  
1.9617

■ 88.1861, 12.0986,  
-1.5070

■ 88.5662, 14.1043,  
-6.8904

# Harmonies

## Analogous

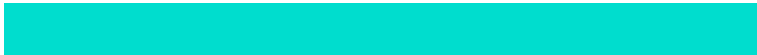
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9268, -31.7195, 32.7922



73.9253, -44.5672, 20.2528



73.9268, -47.2888, -2.0651

# Triad

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



73.9268, -44.5680, 20.2535



73.9268, 2.2990, -60.3969



73.9268, 40.2973, 27.3233

# Complementary

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



73.9253, -44.5672, 20.2528



49.5500, 51.6351, -5.1472

# 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.



73.9268, 52.4623, 9.6356



73.9253, -44.5672, 20.2528



73.9268, 28.6438, -44.8397

# Square

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



73.9268, -44.5680, 20.2535



73.9268, -22.4294, -54.5004



73.9268, 47.9271, -16.9978



73.9268, 16.5476, 35.7794



# Rectangle

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



73.9253, -44.5672, 20.2528



73.9268, -43.3897, -21.0360



73.9268, 47.9271, -16.9978



73.9268, 46.0163, 22.5496

# Sweetspot

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



73.9268, -44.5680, 20.2535



95.3514, -23.3645, 10.8521



76.1344, -37.9188, 38.7166



43.8056, -12.0475, 5.4466

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



73.9268, -44.5680, 20.2535



87.0753, -58.8215, 28.1433



75.6768, -34.1537, -4.7958



38.3592, -5.9056, 3.2215



55.4292, -43.1303, 23.8243



14.1698, -10.5972, 5.1652



# Inverse Universe

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



49.5500, 51.6351, -5.1472



54.0760, 72.7866, -4.8285



47.9519, 44.5419, 17.7696



36.2761, 2.0896, 0.9114



31.0051, 55.3008, 2.9527

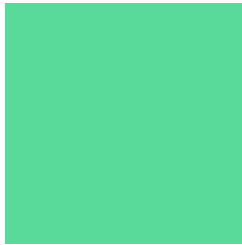


8.0012, 14.4729, -0.8038



# Previews

## White Background



This preview shows how the HunterLab color 73.9253, -44.5672, 20.2528 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

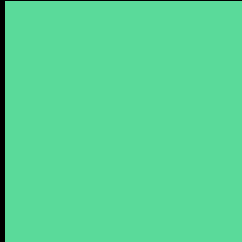
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 73.9253, -44.5672, 20.2528 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

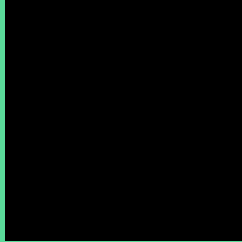
Any Text WCAG AA ✓ Pass

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 73.9253, -44.5672, 20.2528 Background



This preview shows how black text looks on a background with the HunterLab color 73.9253, -44.5672, 20.2528.



This preview shows how white text looks on a background with the HunterLab color 73.9253,

-44.5672, 20.2528.

# 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

73.9253, -44.5672, 20.2528

### Protanopia

73.1662, -5.9601, 23.9222

### Deuteranopia

73.1699, 5.4739, 17.8607



## Tritanopia

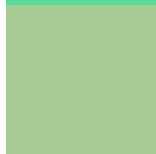
73.8489, -24.7929, -12.6953

# Trichromacy



## Original Color

73.9253, -44.5672, 20.2528



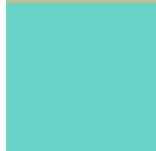
## Protanomaly

72.3512, -23.2318, 21.5552



## Deuteranomaly

72.0907, -17.1018, 17.5186



## Tritanomaly

73.6208, -32.6342, 0.7866

# Monochromacy



## Original Color

73.9253, -44.5672, 20.2528



## Achromatopsia

64.2295, -3.4271, 3.4897



## Achromatomaly

66.9795, -20.8895, 9.3962

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 73.9253, -44.5672, 20.2528 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(90, 218, 154)` looks like.

```
.text, #text, p{  
    color:rgb(90, 218, 154)  
}
```

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(90, 218, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 218, 154) }
```

## Border

The CSS property to change the border of an element to HunterLab 73.9253, -44.5672, 20.2528 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(90, 218, 154) }
```



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

```
.border{ border-color:rgb(90, 218, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 218, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 218, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 218, 154);  
box-shadow:4px 4px 4px 4px rgb(90, 218,  
154) }
```

# Background

The CSS property to change the background color of an element to HunterLab 73.9253, -44.5672, 20.2528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 218, 154) }
```

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

```
.background{ background-color: rgb(90, 218,  
154) }
```

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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