

# Converting Colors

HunterLab(77.5168, -48.5589,  
19.4760)

Have a look what the booklet for  
HunterLab(77.5168, -48.5589,  
19.4760) contains.

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# Color

**HunterLab(77.3690,  
-48.2598, 19.1832)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4EE4A6
RGB	78, 228, 166
RGB Percent	31%, 89%, 65%
CMY	0.6941, 0.1059, 0.3490
CMYK	0.66, 0.00, 0.27, 0.11
HSL	155°, 74%, 60%
HSV	155°, 66%, 89%
XYZ	37.7682, 59.8596, 45.6399
YIQ	176.0820, -69.4980, -51.0820

# Conversions

## Conversions Part 2

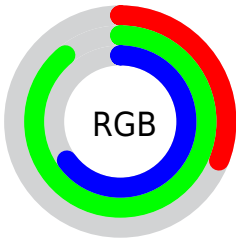
Format	Color
<a href="#">RYB</a>	<a href="#">78, 173, 228</a>
Decimal	<a href="#">5170342</a>
CIELab	<a href="#">81.76, -53.80, 18.88</a>
CIELCh	<a href="#">82, 57.012, 160.663</a>
Yxy	<a href="#">59.8620, 0.2636, 0.4178</a>
Android (android.graphics.Color)	<a href="#">4283360422 (0xFF4EE4A6)</a>
YUV	<a href="#">176.0820, -4.9704, -86.0179</a>
Hunter-Lab	<a href="#">77.3690, -48.2598, 19.1832</a>

# Details

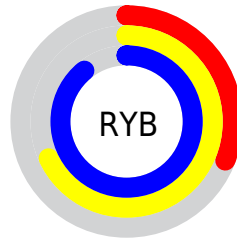
The HunterLab color **77.3690, -48.2598, 19.1832** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **48.8237, 58.8057, 0.9822**, and the grayscale version is **65.9668, -3.5198, 3.5841**.

A 20% lighter version of the original color is **90.8247, -41.0896, 10.5908**, and **55.0824, -39.3591, 16.1168** is the 20% darker color. If you saturate the color by 10%, you get **76.6334, -51.6966, 21.7829**, and if you desaturate by 10%, it is **78.3302, -43.9445, 16.6320**.

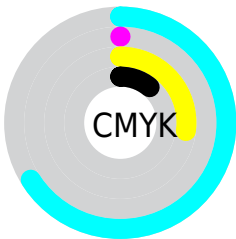
# Distribution



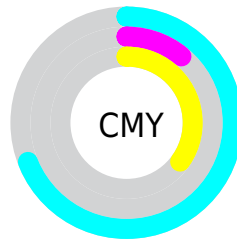
- Red (31%)
- Green (89%)
- Blue (65%)



- Red (31%)
- Yellow (68%)
- Blue (89%)



- Cyan (66%)
- Magenta (0%)
- Yellow (27%)
- Black (11%)




- Cyan (69%)
- Magenta (11%)
- Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.3690, -48.2598, 19.1832 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 77.3690, -48.2598, 19.1832 by changing the saturation by 10% instead.





 77.3690, -48.2598,  
19.1832


 77.3690, -48.2598,  
19.1832


205.9342,  
-76.1417, 33.1368

 65.8084, -44.6947,  
17.5813


 102.2885,  
-54.9985, 22.3270


 54.8875, -40.9572,  
15.9463


 115.5903,  
-58.2136, 23.8794

 44.6481, -37.0038,  
14.2660


 129.4233,  
-61.3473, 25.4247

 35.1390, -32.7718,  
12.5216

 143.7680,  
-64.4113, 26.9663

 26.4212, -28.1683,  
10.6847

158.6066,  
-67.4154, 28.5064

 18.5744, -23.0483,  
8.7092

173.9233,

 11.7089, -20.4906,

-70.3676, 30.0471

7.6993

189.7036,  
-73.2744, 31.5901

■ 4.4180, -7.7315,  
3.0926

0.0000, NaN, NaN

■ 77.3690, -48.2598,  
19.1832

■ 77.3690, -48.2598,  
19.1832

■ 76.6334, -51.6966,  
21.7829

■ 78.3302, -43.9445,  
16.6320

■ 76.1012, -54.2929,  
24.3876


■ 79.5243, -38.7422,  
14.1653


■ 75.7483, -56.1326,  
26.9531


■ 80.9596, -32.6754,  
11.8181


■ 75.6329, -56.7624,  
27.9991


■ 82.6389, -25.7882,  
9.6195

 84.5615, -18.1415,  
7.5931

 86.7237, -9.8075,  
5.7568

 89.1194, -0.8639,  
4.1225

 91.1721, 6.7103,  
1.9766

 91.4892, 8.4041,  
-2.5282

# Harmonies

## Analogous

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



77.3705, -35.8787, 33.6363



77.3690, -48.2598, 19.1832



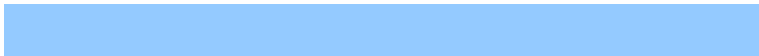
77.3705, -49.8379, -5.7659

# Triad

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



77.3705, -48.2606, 19.1839



77.3705, 5.9750, -63.9854



77.3705, 40.5714, 30.4928

# Complementary

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



77.3690, -48.2598, 19.1832



48.8237, 58.8057, 0.9822

# 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.



77.3705, 55.4958, 13.0150



77.3690, -48.2598, 19.1832



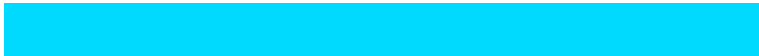
77.3705, 33.7351, -44.9409

# Square

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



77.3705, -48.2606, 19.1839



77.3705, -20.9953, -60.4985



77.3705, 52.8315, -14.5199



77.3705, 14.3110, 38.3955

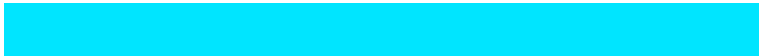


# Rectangle

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



77.3690, -48.2598, 19.1832



77.3705, -44.8348, -26.3512



77.3705, 52.8315, -14.5199



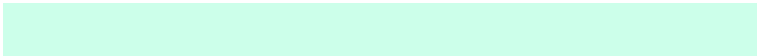
77.3705, 47.2367, 25.8568

# Sweetspot

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



77.3705, -48.2606, 19.1839



95.0228, -24.4604, 9.5923



78.5228, -46.4403, 42.1295



43.6790, -12.4447, 4.7410

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



77.3705, -48.2606, 19.1839



86.7526, -59.8889, 25.8260



74.8862, -31.9513, -12.5294



40.2869, -6.0694, 3.0052



57.4928, -43.0029, 20.9699



15.6875, -11.3282, 4.8464



# Inverse Universe

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



48.8237, 58.8057, 0.9822



50.6533, 77.1259, 4.9402



49.4392, 47.3232, 22.6479



38.0346, 2.0656, 1.3491



31.6476, 55.7504, 8.4119

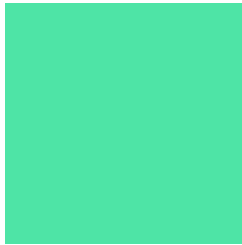


8.7078, 15.5375, 0.7803



# Previews

## White Background



This preview shows how the HunterLab color 77.3690, -48.2598, 19.1832 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 77.3690, -48.2598, 19.1832 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

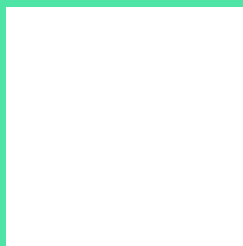
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 77.3690, -48.2598, 19.1832 Background



This preview shows how black text looks on a background with the HunterLab color 77.3690, -48.2598, 19.1832.



This preview shows how white text looks on a background with the HunterLab color 77.3690,

-48.2598, 19.1832.

# 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

77.3690, -48.2598, 19.1832

### Protanopia

76.5202, -6.2088, 23.3548

### Deuteranopia

76.5439, 5.4774, 16.6384



## Tritanopia

77.3180, -28.0853, -14.2880

# Trichromacy



## Original Color

77.3690, -48.2598, 19.1832



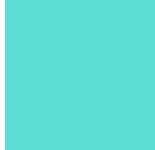
## Protanomaly

75.5357, -25.8876, 20.7010



## Deuteranomaly

74.9392, -19.1781, 15.7529



## Tritanomaly

77.0575, -36.1734, -0.5690

# Monochromacy



## Original Color

77.3690, -48.2598, 19.1832



## Achromatopsia

65.8903, -3.5157, 3.5799



## Achromatomaly

68.9813, -22.9641, 8.5576

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.3690, -48.2598, 19.1832 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(78, 228, 166)` looks like.

```
.text, #text, p{  
    color:rgb(78, 228, 166)  
}
```

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(78, 228, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 228, 166) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.3690, -48.2598, 19.1832 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(78, 228, 166) }
```



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

```
.border{ border-color:rgb(78, 228, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 228, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 228, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 228, 166);  
box-shadow:4px 4px 4px 4px rgb(78, 228,  
166) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.3690, -48.2598, 19.1832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 228, 166) }
```

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

```
.background{ background-color: rgb(78, 228,  
166) }
```

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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