

Converting Colors

HunterLab(75.4590, -49.1645,
20.9237)

Have a look what the booklet for
HunterLab(75.4590, -49.1645,
20.9237) contains.

HunterLab(75.4590, -49.1645, 20.9237)	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(75.4590,
-49.1645, 20.9237)**

Conversions

Conversions Part 1	
Format	Color
Hex	44E09C
RGB	68, 224, 156
RGB Percent	27%, 88%, 61%
CMY	0.7333, 0.1216, 0.3882
CMYK	0.70, 0.00, 0.30, 0.12
HSL	154°, 72%, 57%
HSV	154°, 70%, 88%
XYZ	35.0403, 56.9406, 40.5964
YIQ	169.6040, -71.1480, -54.2200

Conversions

Conversions Part 2

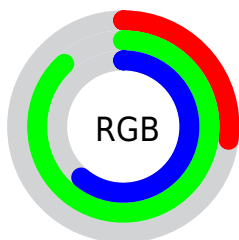
Format	Color
RYB	68, 168, 224
Decimal	4513948
CIELab	80.15, -55.90, 21.82
CIELCh	80, 60.012, 158.677
Yxy	56.9429, 0.2643, 0.4295
Android (android.graphics.Color)	4282704028 (0xFF44E09C)
YUV	169.6040, -6.7068, -89.1067
Hunter-Lab	75.4590, -49.1645, 20.9237

Details

The HunterLab color **75.4590, -49.1645, 20.9237** is a light color, and the websafe version is hex **00CC99**. The color can be described as light muted spring green. A complement of this color would be **46.6481, 60.9170, 0.2030**, and the grayscale version is **63.2876, -3.3769, 3.4385**.

A 20% lighter version of the original color is **90.1618, -44.2443, 14.2564**, and **53.8560, -39.5563, 18.0752** is the 20% darker color. If you saturate the color by 10%, you get **74.8116, -52.2483, 23.5549**, and if you desaturate by 10%, it is **76.3230, -45.2211, 18.3000**.

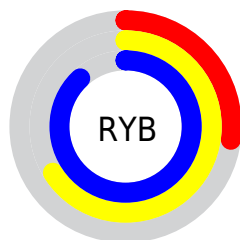
Distribution



Red (27%)

Green (88%)

Blue (61%)



Red (27%)

Yellow (66%)

Blue (88%)

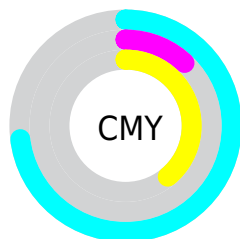


Cyan (70%)

Magenta (0%)

Yellow (30%)

Black (12%)



Cyan (73%)


Magenta (12%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 75.4590, -49.1645, 20.9237 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 75.4590, -49.1645, 20.9237 by changing the saturation by 10% instead.


 75.4590, -49.1645,
20.9237


 75.4590, -49.1645,
20.9237


203.2819,
-78.0402, 36.0549


 63.9995, -45.4467,
19.1495


 100.1907,
-56.1728, 24.3778


 53.1859, -41.5405,
17.3278


 113.4046,
-59.5090, 26.0720

 43.0609, -37.3978,
15.4425


 127.1532,
-62.7563, 27.7519

 33.6750, -32.9491,
13.4695

 141.4164,
-65.9279, 29.4216

 25.0920, -28.0908,
11.3727

156.1764,
-69.0340, 31.0843

 17.3952, -22.6914,
9.0991


171.4169,

 10.7018, -18.7282,


-72.0835, 32.7427


7.4913


187.1232,
-75.0835, 34.3990


 1.2777, -2.2359,
0.8944


0.0000, NaN, NaN


 75.4590, -49.1645,
20.9237


 75.4590, -49.1645,
20.9237


 74.8116, -52.2483,
23.5549


 76.3230, -45.2211,
18.3000


 74.3566, -54.5236,
26.1498


 77.4127, -40.3988,
15.7214


 74.0563, -56.1351,
28.6548


 78.7380, -34.7110,
13.2247

 74.0466, -56.1877,
28.7412

 80.3028, -28.1945,
10.8424

 82.1077, -20.9049,
8.6016

 84.1499, -12.9107,
6.5241

 86.4240, -4.2876,
4.6261

 88.9228, 4.8856,
2.9181

 90.0544, 9.3166,
-0.6339

Harmonies

Analogous

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



75.4605, -35.7364, 34.8373



75.4590, -49.1645, 20.9237



75.4605, -51.5156, -4.3179

Triad

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



75.4605, -49.1652, 20.9244



75.4605, 4.5447, -69.1432



75.4605, 44.4818, 30.2544

Complementary

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



75.4590, -49.1645, 20.9237



46.6481, 60.9170, 0.2030

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.



75.4605, 59.1954, 11.6611



75.4590, -49.1645, 20.9237



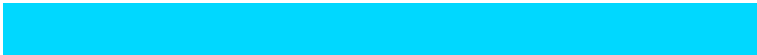
75.4605, 33.9660, -49.9683

Square

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



75.4605, -49.1652, 20.9244



75.4605, -23.2079, -63.6660



75.4605, 55.0818, -17.7743



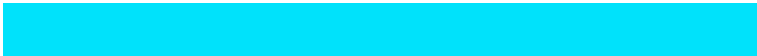
75.4605, 17.2768, 38.6401

Rectangle

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



75.4590, -49.1645, 20.9237



75.4605, -46.8885, -25.9465



75.4605, 55.0818, -17.7743



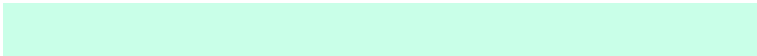
75.4605, 51.2257, 25.3407

Sweetspot

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



75.4605, -49.1652, 20.9244



94.7664, -25.5421, 10.3430



76.9100, -45.8990, 42.3716



43.5668, -12.9267, 5.1143

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.4605, -49.1652, 20.9244



86.3613, -61.9351, 28.7825



74.7177, -34.1276, -10.5187



39.3270, -5.9545, 3.0293



56.5126, -42.7382, 21.6237



14.9384, -10.8819, 4.8191

Inverse Universe

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



46.6481, 60.9170, 0.2030



49.5561, 80.1963, 4.8807



46.2680, 51.5756, 22.4041



37.1474, 2.0442, 1.2184



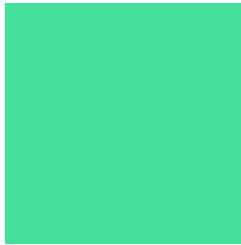
31.2343, 55.1916, 6.9907



8.3304, 14.9214, 0.3034

Previews

White Background



This preview shows how the HunterLab color 75.4590, -49.1645, 20.9237 looks on a white background.

Color Contrast Check

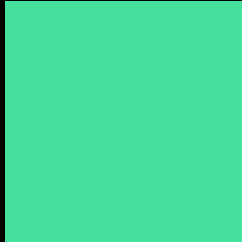
Large Text (above 18pt) WCAG AA × Fail

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 75.4590, -49.1645, 20.9237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

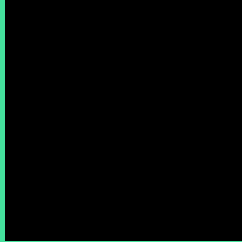
Any Text WCAG AA ✓ Pass

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 75.4590, -49.1645, 20.9237 Background



This preview shows how black text looks on a background with the HunterLab color 75.4590, -49.1645, 20.9237.



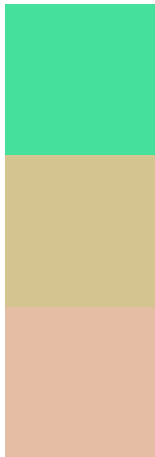
This preview shows how white text looks on a background with the HunterLab color 75.4590, -49.1645, 20.9237.

-49.1645, 20.9237.

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

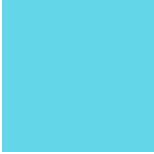
75.4590, -49.1645, 20.9237

Protanopia

74.7952, -6.4306, 25.0601

Deuteranopia

74.5450, 5.7790, 18.1009



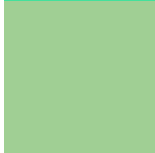
Tritanopia

75.2143, -27.7787, -14.3200

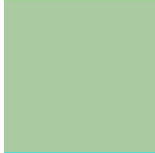
Trichromacy



Original Color
75.4590, -49.1645, 20.9237



Protanomaly
73.6460, -26.7063, 22.3572



Deuteranomaly
73.0481, -19.9957, 17.2943

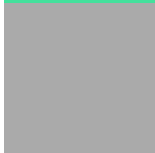


Tritanomaly
75.2178, -36.7186, 0.6762

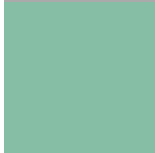
Monochromacy



Original Color
75.4590, -49.1645, 20.9237



Achromatopsia
63.4017, -3.3830, 3.4447



Achromatomaly
66.7309, -23.4834, 9.0801

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.4590, -49.1645, 20.9237 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(68, 224, 156)` looks like.

```
.text, #text, p{  
    color:rgb(68, 224, 156)  
}
```

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(68, 224, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 224, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 75.4590, -49.1645, 20.9237 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(68, 224, 156) }
```


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

```
.border{ border-color:rgb(68, 224, 156) }
```

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

Here you see how a box with a 4 pixel rgb(68, 224, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 224, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 224, 156);  
box-shadow:4px 4px 4px 4px rgb(68, 224,  
156) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.4590, -49.1645, 20.9237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 224, 156) }
```

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

```
.background{ background-color: rgb(68, 224,  
156) }
```

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