

# Converting Colors

HunterLab(77.6640, -49.5075,  
9.7992)

Have a look what the booklet for  
HunterLab(77.6640, -49.5075,  
9.7992) contains.

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# Color

**HunterLab(77.6604,  
-49.5037, 9.7956)**

# Conversions

Conversions Part 1	
Format	Color
Hex	00E6BE
RGB	0, 230, 190
RGB Percent	0%, 90%, 75%
CMY	0.9998, 0.0980, 0.2549
CMYK	1.00, 0.00, 0.17, 0.10
HSL	170°, 100%, 45%
HSV	170°, 100%, 90%
XYZ	37.5911, 60.3114, 58.3752
YIQ	156.6700, -124.2400, -61.2000

# Conversions

## Conversions Part 2

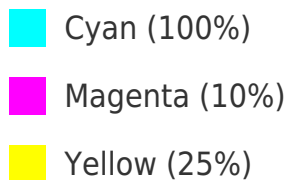
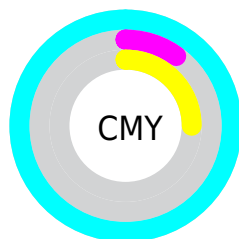
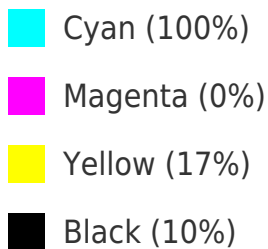
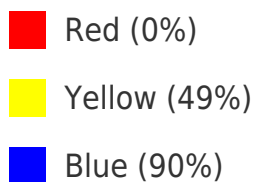
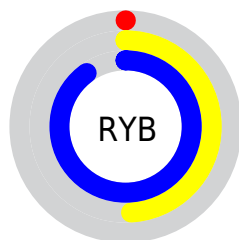
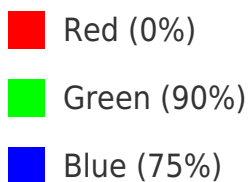
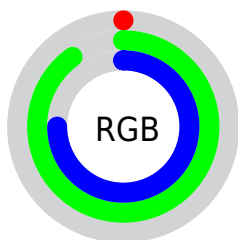
Format	Color
<a href="#">RYB</a>	<a href="#">0, 126, 230</a>
Decimal	<a href="#">59070</a>
CIELab	<a href="#">82.01, -55.43, 6.50</a>
CIELCh	<a href="#">82, 55.808, 173.308</a>
Yxy	<a href="#">60.3137, 0.2405, 0.3859</a>
Android (android.graphics.Color)	<a href="#">4278249150</a> (0xFF00E6BE)
YUV	<a href="#">156.6700, 16.4317, -137.3996</a>
Hunter-Lab	<a href="#">77.6604, -49.5037, 9.7956</a>

# Details

The HunterLab color **77.6604, -49.5037, 9.7956** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **41.2043, 70.9307, 23.7376**, and the grayscale version is **57.9088, -3.0899, 3.1463**.

A 20% lighter version of the original color is **90.2712, -41.6555, -2.3701**, and **56.2968, -36.8210, 9.1200** is the 20% darker color. If you saturate the color by 10%, you get **77.6615, -49.5060, 9.7991**, and if you desaturate by 10%, it is **77.8932, -48.3384, 8.3006**.

# Distribution





# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.6604, -49.5037, 9.7956 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 77.6604, -49.5037, 9.7956 by changing the saturation by 10% instead.





 77.6604, -49.5037,  
9.7956


 77.6604, -49.5037,  
9.7956


206.3379,  
-78.0514, 19.0897


 66.0844, -45.8446,  
8.8511


 102.6083,  
-56.4138, 11.7366


 55.1474, -42.0072,  
7.9208


 115.9233,  
-59.7084, 12.7329


 44.8908, -37.9462,  
7.0033


 129.7691,  
-62.9181, 13.7471

 35.3630, -33.5974,  
6.0952

 144.1261,  
-66.0550, 14.7795

 26.6250, -28.8658,  
5.1909

 158.9766,  
-69.1291, 15.8299

 18.7557, -23.6044,  
4.2800


174.3049,

 11.8644, -20.7627,


-72.1488, 16.8985


3.3424


190.0963,  
-75.1210, 17.9851


 4.7153, -8.2518,  
3.3007


0.0000, NaN, NaN


 77.6604, -49.5037,  
9.7956


 77.6604, -49.5037,  
9.7956


 77.6615, -49.5060,  
9.7991


 77.8932, -48.3384,  
8.3006


 78.2655, -46.6036,  
6.9364


 78.8206, -44.1433,  
5.7624


 79.5799, -40.8926,  
4.8137

 80.5586, -36.8197,  
4.1171

 81.7667, -31.9212,  
3.6916

 83.2103, -26.2172,  
3.5489

 84.8916, -19.7469,  
3.6938

 86.8095, -12.5640,  
4.1247

# Harmonies

## Analogous

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



77.6619, -41.7412, 28.4368



77.6604, -49.5037, 9.7956



77.6619, -46.5225, -18.1075

# Triad

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



77.6619, -49.5041, 9.7964



77.6619, 17.6122, -56.6299



77.6619, 29.5816, 34.4418

# Complementary

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



77.6604, -49.5037, 9.7956



41.2043, 70.9307, 23.7376

# 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.



77.6619, 49.8635, 21.4255



77.6604, -49.5037, 9.7956



77.6619, 42.3163, -31.6968

# Square

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



77.6619, -49.5041, 9.7964



77.6619, -10.1404, -63.0612



77.6619, 54.8176, -1.7874



77.6619, 2.0317, 39.1499

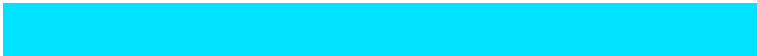


# Rectangle

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



77.6604, -49.5037, 9.7956



77.6619, -38.6110, -38.1466



77.6619, 54.8176, -1.7874



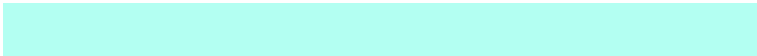
77.6619, 37.6208, 31.1641

# Sweetspot

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



77.6619, -49.5041, 9.7964



93.5075, -29.6004, 3.9895



75.5594, -63.1031, 45.4537



42.9284, -14.9992, 1.8602

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



77.6619, -49.5041, 9.7964



87.2956, -55.6954, 11.1184



54.6710, -9.5710, -47.6702



40.3622, -5.6496, 1.9296



58.4473, -37.1649, 7.1743



15.9240, -9.8864, 1.4384



# Inverse Universe

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



41.2043, 70.9307, 23.7376



46.3083, 79.7028, 26.8342



46.4443, 53.2694, 29.5498



37.9588, 1.6582, 2.4299



31.0216, 53.4453, 17.5669

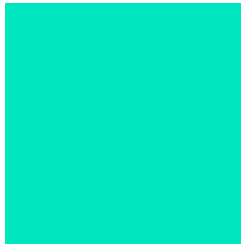


8.5044, 14.7926, 3.7233



# Previews

## White Background



This preview shows how the HunterLab color 77.6604, -49.5037, 9.7956 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

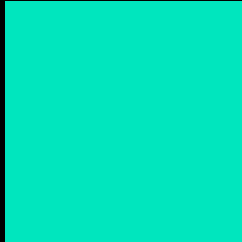
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 77.6604, -49.5037, 9.7956 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

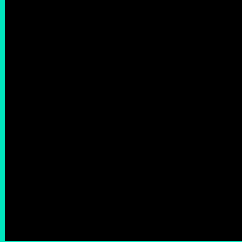
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

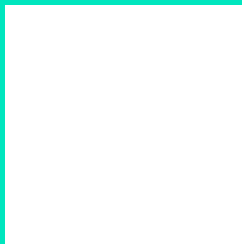
Any Text WCAG AAA ✓ Pass

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

## HunterLab 77.6604, -49.5037, 9.7956 Background



This preview shows how black text looks on a background with the HunterLab color 77.6604, -49.5037, 9.7956.



This preview shows how white text looks on a background with the HunterLab color 77.6604,

-49.5037, 9.7956.

# 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

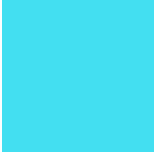
77.6604, -49.5037, 9.7956

### Protanopia

77.0281, -5.0056, 16.1589

### Deuteranopia

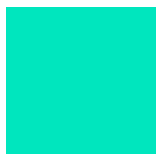
76.9708, 5.2898, 6.3680



## **Tritanopia**

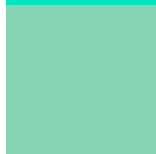
77.6656, -33.4570, -16.2580

# Trichromacy



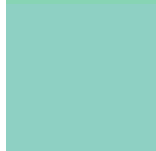
## Original Color

77.6604, -49.5037, 9.7956



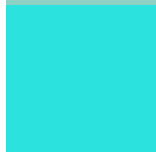
## Protanomaly

74.5206, -30.3507, 11.0330



## Deuteranomaly

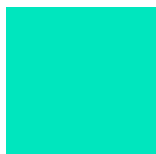
74.0288, -24.5139, 3.8366



## Tritanomaly

77.5759, -40.5495, -5.7255

# Monochromacy



## Original Color

77.6604, -49.5037, 9.7956



## Achromatopsia

58.0658, -3.0982, 3.1548



## Achromatomaly

63.1307, -26.9061, 3.1773

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.6604, -49.5037, 9.7956 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(0, 230, 190)` looks like.

```
.text, #text, p{  
    color:rgb(0, 230, 190)  
}
```

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(0, 230, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 230, 190) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.6604, -49.5037, 9.7956 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(0, 230, 190) }
```



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

```
.border{ border-color:rgb(0, 230, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 230, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 230, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 230, 190);  
box-shadow:4px 4px 4px 4px rgb(0, 230,  
190) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.6604, -49.5037, 9.7956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 230, 190) }
```

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

```
.background{ background-color: rgb(0, 230,  
190) }
```

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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