

# Converting Colors

HunterLab(62.5171, -49.6318,  
28.1180)

Have a look what the booklet for  
HunterLab(62.5171, -49.6318,  
28.1180) contains.

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# Color

**HunterLab(62.7346,  
-49.3977, 28.2227)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C25C
RGB	0, 194, 92
RGB Percent	0%, 76%, 36%
CMY	1.0000, 0.2392, 0.6392
CMYK	1.00, 0.00, 0.53, 0.24
HSL	148°, 100%, 38%
HSV	148°, 100%, 76%
XYZ	21.2236, 39.3563, 16.6032
YIQ	124.3660, -82.8820, -72.8500

# Conversions

## Conversions Part 2

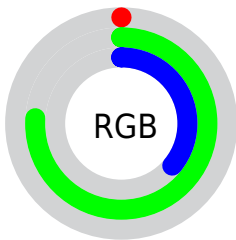
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 132, 194
Decimal	49756
CIELab	69.01, -63.08, 39.72
CIELCh	69, 74.539, 147.803
Yxy	39.3579, 0.2750, 0.5099
Android (android.graphics.Color)	4278239836 (0xFF00C25C)
YUV	124.3660, -15.9564, -109.0690
Hunter-Lab	62.7346, -49.3977, 28.2227

# Details

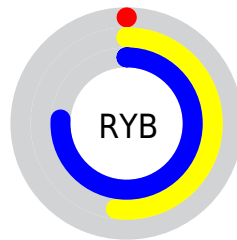
The HunterLab color **62.7346, -49.3977, 28.2227** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **35.2555, 63.0961, 1.6848**, and the grayscale version is **45.1234, -2.4077, 2.4516**.

A 20% lighter version of the original color is **86.1899, -57.6577, 33.9498**, and **43.1653, -35.6317, 22.9657** is the 20% darker color. If you saturate the color by 10%, you get **62.7358, -49.3990, 28.2240**, and if you desaturate by 10%, it is **63.0008, -47.9826, 26.1010**.

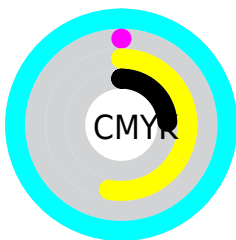
# Distribution



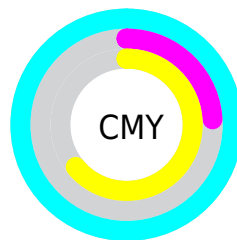
- Red (0%)
- Green (76%)
- Blue (36%)



- Red (0%)
- Yellow (52%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (24%)




- Cyan (100%)
- Magenta (24%)
- Yellow (64%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.7346, -49.3977, 28.2227 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 62.7346, -49.3977, 28.2227 by changing the saturation by 10% instead.





 62.7346, -49.3977,  
28.2227


 62.7346, -49.3977,  
28.2227


185.3132,  
-82.3542, 51.3819


 51.9983, -44.9919,  
25.2318


 86.1306, -57.5738,  
33.8406


 41.9547, -40.3005,  
22.0783


 98.7222, -61.4171,  
36.5108

 32.6567, -35.2413,  
18.7198


 111.8739,  
-65.1327, 39.1098

 24.1698, -29.6927,  
15.1524

 125.5627,  
-68.7399, 41.6496

 16.5804, -24.0586,  
11.6063

 139.7683,  
-72.2542, 44.1395

 10.0110, -17.5192,  
7.0077

154.4726,

0.0000, NaN, NaN

-75.6880, 46.5875

0.0000, NaN, NaN

169.6592,  
-79.0518, 48.9998

0.0000, NaN, NaN

■ 62.7346, -49.3977,  
28.2227

■ 62.7346, -49.3977,  
28.2227

■ 62.7358, -49.3990,  
28.2240

■ 63.0008, -47.9826,  
26.1010

■ 63.3968, -45.9908,  
23.8130

■ 63.9618, -43.2809,  
21.4052

■ 64.7120, -39.8105,  
18.9119

■ 65.6585, -35.5685,  
16.3678

■ 66.8080, -30.5694,  
13.8067

■ 68.1634, -24.8485,  
11.2610

■ 69.7247, -18.4570,  
8.7599

■ 71.4890, -11.4568,  
6.3291

# Harmonies

## Analogous

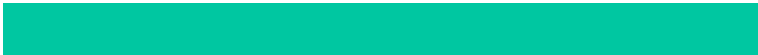
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.7359, -30.8643, 37.1714



62.7346, -49.3977, 28.2227



62.7359, -55.9585, 5.7378

# Triad

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



62.7359, -49.3984, 28.2231



62.7359, -5.8216, -95.0234



62.7359, 65.0651, 25.9399

# Complementary

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



62.7346, -49.3977, 28.2227



35.2555, 63.0961, 1.6848

# 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.



62.7359, 75.6451, 0.9996



62.7346, -49.3977, 28.2227



62.7359, 29.9122, -79.5168

# Square

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



62.7359, -49.3984, 28.2231



62.7359, -34.3453, -74.6040



62.7359, 61.6209, -39.2366



62.7359, 35.1467, 36.4287



# Rectangle

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



62.7346, -49.3977, 28.2227



62.7359, -53.9909, -18.5669



62.7359, 61.6209, -39.2366



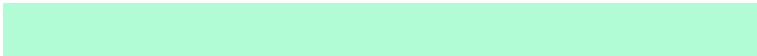
62.7359, 71.2460, 19.5217

# Sweetspot

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



62.7359, -49.3984, 28.2231



91.6530, -33.8368, 15.3206



64.4179, -43.6221, 38.9301



42.5098, -17.4293, 7.8573

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



62.7359, -49.3984, 28.2231



84.4114, -66.6769, 38.4294



64.9585, -35.8568, -3.7873



33.6698, -5.1714, 2.9055



50.8841, -39.9544, 22.6494



10.6425, -7.8990, 3.7493



# Inverse Universe

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



35.2555, 63.0961, 1.6848



47.3980, 84.7279, 3.0515



33.8883, 58.0752, 21.5732



31.8816, 1.8161, 0.7171



28.6150, 51.2667, 0.9513



6.0634, 11.0736, -1.4297



# Previews

## White Background



This preview shows how the HunterLab color 62.7346, -49.3977, 28.2227 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

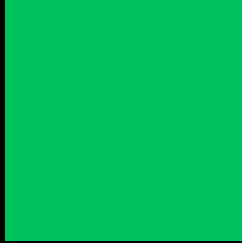
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 62.7346, -49.3977, 28.2227 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 62.7346, -49.3977, 28.2227 Background



This preview shows how black text looks on a background with the HunterLab color 62.7346, -49.3977, 28.2227.



This preview shows how white text looks on a background with the HunterLab color 62.7346,

-49.3977, 28.2227.

# 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

62.7346, -49.3977, 28.2227

### Protanopia

62.1098, -6.9901, 30.3373

### Deuteranopia

62.2717, 4.3886, 26.7260



## Tritanopia

62.7647, -24.7664, -11.6573

# Trichromacy



## Original Color

62.7346, -49.3977, 28.2227



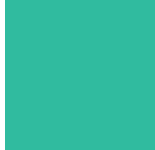
## Protanomaly

59.9731, -30.9223, 27.7100



## Deuteranomaly

59.2064, -25.1932, 24.4701



## Tritanomaly

62.1870, -36.3582, 6.4100

# Monochromacy



## Original Color

62.7346, -49.3977, 28.2227



## Achromatopsia

44.8950, -2.3955, 2.4392



## Achromatomaly

49.3224, -25.1650, 11.5246

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 62.7346, -49.3977, 28.2227 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, 194, 92)` looks like.

```
.text, #text, p{  
    color:rgb(0, 194, 92)  
}
```

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, 194, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 194, 92) }
```

## Border

The CSS property to change the border of an element to HunterLab 62.7346, -49.3977, 28.2227 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, 194, 92) }
```



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

```
.border{ border-color:rgb(0, 194, 92) }
```

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

Here you see how a box with a 4 pixel rgb(0, 194, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 194, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 194, 92);  
box-shadow:4px 4px 4px 4px rgb(0, 194, 92)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 62.7346, -49.3977, 28.2227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 194, 92) }
```

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

```
.background{ background-color: rgb(0, 194,  
92) }
```

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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