

# Converting Colors

HunterLab(69.7020, -51.3063,  
24.1825)

Have a look what the booklet for  
HunterLab(69.7020, -51.3063,  
24.1825) contains.

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# Color

**HunterLab(69.8354,  
-51.3829, 24.2027)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0BD482
RGB	11, 212, 130
RGB Percent	4%, 83%, 51%
CMY	0.9568, 0.1686, 0.4902
CMYK	0.95, 0.00, 0.39, 0.17
HSL	156°, 90%, 44%
HSV	156°, 95%, 83%
XYZ	27.7108, 48.7698, 29.0721
YIQ	142.5530, -93.4740, -68.1140

# Conversions

## Conversions Part 2

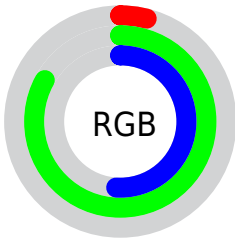
Format	Color
<a href="#">RYB</a>	<a href="#">11, 137, 212</a>
Decimal	<a href="#">775298</a>
CIELab	<a href="#">75.31, -62.03, 28.64</a>
CIELCh	<a href="#">75, 68.319, 155.214</a>
Yxy	<a href="#">48.7718, 0.2625, 0.4620</a>
Android (android.graphics.Color)	<a href="#">4278965378</a> (0xFF0BD482)
YUV	<a href="#">142.5530, -6.1886, -115.3720</a>
Hunter-Lab	<a href="#">69.8354, -51.3829, 24.2027</a>

# Details

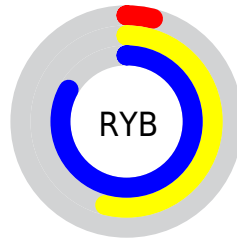
The HunterLab color **69.8354, -51.3829, 24.2027** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **38.7660, 66.8379, 9.2117**, and the grayscale version is **52.2847, -2.7898, 2.8407**.

A 20% lighter version of the original color is **88.3430, -52.8551, 23.0770**, and **49.3519, -38.1296, 20.6252** is the 20% darker color. If you saturate the color by 10%, you get **69.7011, -52.1184, 25.3883**, and if you desaturate by 10%, it is **70.1807, -49.6119, 21.8533**.

# Distribution



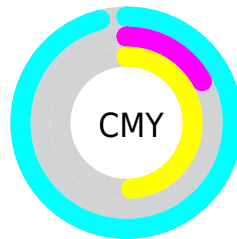
- Red (4%)
- Green (83%)
- Blue (51%)



- Red (4%)
- Yellow (54%)
- Blue (83%)



- Cyan (95%)
- Magenta (0%)
- Yellow (39%)
- Black (17%)




- Cyan (96%)
- Magenta (17%)
- Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.8354, -51.3829, 24.2027 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 69.8354, -51.3829, 24.2027 by changing the saturation by 10% instead.





 69.8354, -51.3829,  
24.2027

 69.8354, -51.3829,  
24.2027


195.4081,  
-83.2746, 42.2315


 58.6843, -47.1925,  
21.9939


 93.9960, -59.2185,  
28.4322


 48.1982, -42.7607,  
19.6969


 106.9432,  
-62.9235, 30.4774

 38.4238, -38.0235,  
17.2850


 120.4357,  
-66.5163, 32.4887

 29.4174, -32.8873,  
14.7196

 134.4523,  
-70.0131, 34.4728

 21.2511, -27.2123,  
11.9442

 148.9741,  
-73.4274, 36.4351

 14.0223, -23.3078,  
9.8156

163.9840,

 7.6665, -13.4164,

-76.7700, 38.3800

5.3666

179.4667,  
-80.0498, 40.3111

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.8354, -51.3829,  
24.2027

■ 69.8354, -51.3829,  
24.2027

■ 69.7011, -52.1184,  
25.3883

■ 70.1807, -49.6119,  
21.8533

■ 70.6917, -47.1386,  
19.4788

■ 71.3918, -43.8940,  
17.1200

■ 72.2965, -39.8458,  
14.8140

■ 73.4159, -34.9914,

12.5949

■ 74.7557, -29.3530,  
10.4929

■ 76.3181, -22.9725,  
8.5335

■ 78.1022, -15.9063,  
6.7373

■ 80.1044, -8.2203,  
5.1192

# Harmonies

## Analogous

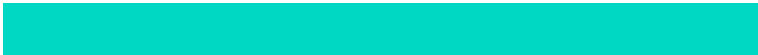
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.8368, -35.8667, 36.7629



69.8354, -51.3829, 24.2027



69.8368, -55.1667, -1.7454

# Triad

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



69.8368, -51.3835, 24.2032



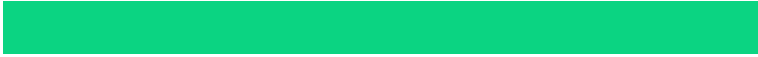
69.8368, 1.9657, -83.5519



69.8368, 54.1683, 29.8839

# Complementary

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



69.8354, -51.3829, 24.2027



38.7660, 66.8379, 9.2117

# 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.



69.8368, 68.9510, 8.9275



69.8354, -51.3829, 24.2027



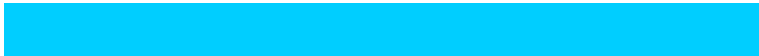
69.8368, 35.5292, -63.1652

# Square

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



69.8368, -51.3835, 24.2032



69.8368, -27.7609, -73.2392



69.8368, 61.5798, -25.5542



69.8368, 24.0658, 38.8519



# Rectangle

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



69.8354, -51.3829, 24.2027



69.8368, -51.2454, -26.1099



69.8368, 61.5798, -25.5542



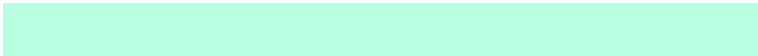
69.8368, 61.3193, 24.4678

# Sweetspot

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



69.8368, -51.3835, 24.2032



93.3514, -31.1584, 11.3387



70.3798, -51.3902, 42.2008



42.8039, -15.9903, 5.7357

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



69.8368, -51.3835, 24.2032



85.8796, -64.3589, 31.5903



66.3094, -30.9912, -15.3788



37.4408, -5.6040, 2.7646



54.7828, -40.8350, 19.6772



13.5144, -9.6580, 3.9570



# Inverse Universe

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



38.7660, 66.8379, 9.2117



47.1808, 82.9186, 14.0530



38.5244, 60.5699, 24.3108



35.3610, 1.8798, 1.2820



30.1324, 53.0578, 8.1904

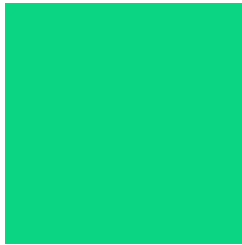


7.5090, 13.4273, 0.4489



# Previews

## White Background



This preview shows how the HunterLab color 69.8354, -51.3829, 24.2027 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 69.8354, -51.3829, 24.2027 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

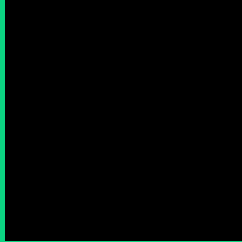
Any Text WCAG AA ✓ Pass

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 69.8354, -51.3829, 24.2027 Background



This preview shows how black text looks on a background with the HunterLab color 69.8354, -51.3829, 24.2027.



This preview shows how white text looks on a background with the HunterLab color 69.8354,

-51.3829, 24.2027.

# 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

69.8354, -51.3829, 24.2027

### Protanopia

69.2042, -6.8700, 27.5706

### Deuteranopia

69.0198, 5.2365, 21.9662



## Tritanopia

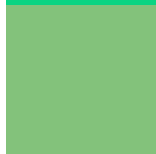
69.5795, -27.8646, -14.1341

# Trichromacy



## Original Color

69.8354, -51.3829, 24.2027



## Protanomaly

66.9619, -31.2759, 24.1221



## Deuteranomaly

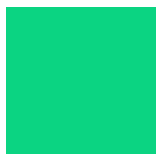
66.2535, -25.0788, 19.8735



## Tritanomaly

69.2566, -38.3043, 2.2357

# Monochromacy



## Original Color

69.8354, -51.3829, 24.2027



## Achromatopsia

52.4097, -2.7964, 2.8475



## Achromatomaly

56.8095, -26.1765, 9.4528

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 69.8354, -51.3829, 24.2027 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(11, 212, 130)` looks like.

```
.text, #text, p{  
    color:rgb(11, 212, 130)  
}
```

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(11, 212, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 212, 130) }
```

## Border

The CSS property to change the border of an element to HunterLab 69.8354, -51.3829, 24.2027 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(11, 212, 130) }
```



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

```
.border{ border-color:rgb(11, 212, 130) }
```

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

Here you see how a box with a 4 pixel rgb(11, 212, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 212, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 212, 130);  
box-shadow:4px 4px 4px 4px rgb(11, 212,  
130) }
```

# Background

The CSS property to change the background color of an element to HunterLab 69.8354, -51.3829, 24.2027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 212, 130) }
```

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

```
.background{ background-color: rgb(11, 212,  
130) }
```

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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