

# Converting Colors

HunterLab(74.6237, -60.6878,  
39.1751)

Have a look what the booklet for  
HunterLab(74.6237, -60.6878,  
39.1751) contains.

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# Color

**HunterLab(74.6207,  
-60.6868, 39.1916)**

# Conversions

## Conversions Part 1

Format	Color
Hex	18E34E
RGB	24, 227, 78
RGB Percent	9%, 89%, 31%
CMY	0.9059, 0.1098, 0.6941
CMYK	0.89, 0.00, 0.66, 0.11
HSL	136°, 81%, 49%
HSV	136°, 89%, 89%
XYZ	29.2210, 55.6825, 16.4154
YIQ	149.3170, -73.1590, -89.3750

# Conversions

## Conversions Part 2

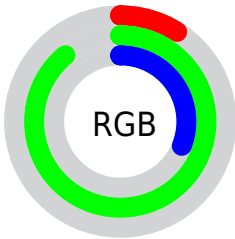
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 184, 227
Decimal	1631054
CIE Lab	79.43, -73.89, 58.09
CIE LCh	79, 93.991, 141.825
Yxy	55.6848, 0.2884, 0.5496
Android (android.graphics.Color)	4279821134 (0xFF18E34E)
YUV	149.3170, -35.1593, -109.9030
Hunter-Lab	74.6207, -60.6868, 39.1916

# Details

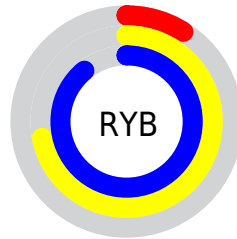
The HunterLab color **74.6207, -60.6868, 39.1916** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **44.7239, 79.5823, -23.4619**, and the grayscale version is **55.1102, -2.9405, 2.9942**.

A 20% lighter version of the original color is **87.6304, -57.7522, 37.9726**, and **53.6481, -45.7922, 31.7969** is the 20% darker color. If you saturate the color by 10%, you get **74.3569, -62.0965, 41.1722**, and if you desaturate by 10%, it is **75.0719, -58.4289, 36.7482**.

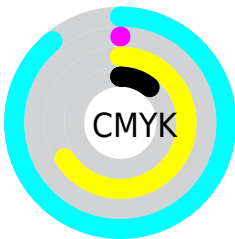
# Distribution



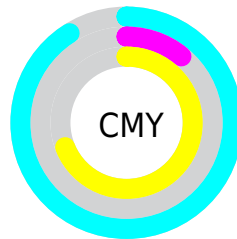
- Red (9%)
- Green (89%)
- Blue (31%)



- Red (9%)
- Yellow (72%)
- Blue (89%)



- Cyan (89%)
- Magenta (0%)
- Yellow (66%)
- Black (11%)




- Cyan (91%)
- Magenta (11%)
- Yellow (69%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.6207, -60.6868, 39.1916 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 74.6207, -60.6868, 39.1916 by changing the saturation by 10% instead.





 74.6207, -60.6868,  
39.1916


 74.6207, -60.6868,  
39.1916


202.1144,  
-97.3730, 69.9860


 63.2062, -55.8399,  
35.1811


 99.2691, -69.7429,  
46.7344

 52.4402, -50.7157,  
30.9728


 112.4440,  
-74.0179, 50.3116


 42.3662, -45.2469,  
26.5348


 126.1551,  
-78.1574, 53.7833

 33.0353, -39.3385,  
21.8829

 140.3823,  
-82.1803, 57.1639

 24.5124, -32.8551,  
17.1587

 155.1074,  
-86.1017, 60.4652

 16.8828, -26.9952,  
11.8180

170.3141,

 10.2668, -17.9670,

-89.9342, 63.6973

7.1868

185.9876,  
-93.6883, 66.8685

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.6207, -60.6868,  
39.1916

■ 74.6207, -60.6868,  
39.1916

■ 74.3569, -62.0965,  
41.1722

■ 75.0719, -58.4289,  
36.7482

■ 74.3443, -62.1639,  
41.2702


■ 75.7466, -55.1661,  
33.8630


■ 76.6677, -50.8412,  
30.5617


■ 77.8497, -45.4412,  
26.8804


■ 79.3007, -38.9911,

22.8637

 81.0239, -31.5461,  
18.5623

 83.0181, -23.1844,  
14.0298

 85.2785, -13.9988,  
9.3193

 87.7975, -4.0897,  
4.4815

# Harmonies

## Analogous

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



74.6222, -33.5860, 47.2433



74.6207, -60.6868, 39.1916



74.6222, -71.9238, 14.8737

# Triad

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



74.6222, -60.6877, 39.1919



74.6222, -15.9299, -132.5672



74.6222, 94.8752, 28.6968

# Complementary

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



74.6207, -60.6868, 39.1916



44.7239, 79.5823, -23.4619

# 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.



74.6222, 102.8095, -8.6571



74.6207, -60.6868, 39.1916



74.6222, 31.0960, -120.4002

# Square

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



74.6222, -60.6877, 39.1919



74.6222, -50.4057, -94.3421



74.6222, 77.2253, -67.0980



74.6222, 57.5845, 44.1795



# Rectangle

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



74.6207, -60.6868, 39.1916



74.6222, -71.3472, -14.9125



74.6222, 77.2253, -67.0980



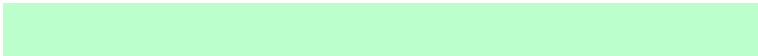
74.6222, 101.3696, 19.0759

# Sweetspot

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



74.6222, -60.6877, 39.1919



92.9300, -33.9318, 20.0349



80.1662, -38.7631, 48.0801



42.6538, -17.1434, 10.0741

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.6222, -60.6877, 39.1919



84.8147, -70.9804, 47.2154



76.3409, -50.1027, 14.1610



40.1893, -6.6140, 4.4004



56.7885, -47.3812, 31.3018



15.4861, -12.5752, 7.7901



# Inverse Universe

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



44.7239, 79.5823, -23.4619



49.8548, 92.5886, -23.6814



41.8206, 68.8101, 17.5995



38.1397, 2.6291, -0.1455



33.4116, 62.1242, -16.4389

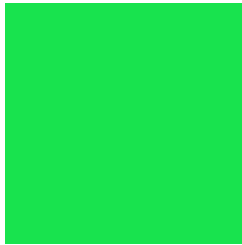


9.1658, 17.1838, -5.6052



# Previews

## White Background



This preview shows how the HunterLab color 74.6207, -60.6868, 39.1916 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

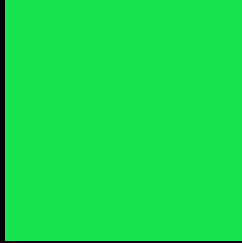
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.6207, -60.6868, 39.1916 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 74.6207, -60.6868, 39.1916 Background



This preview shows how black text looks on a background with the HunterLab color 74.6207, -60.6868, 39.1916.



This preview shows how white text looks on a background with the HunterLab color 74.6207,

-60.6868, 39.1916.

# 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

74.6207, -60.6868, 39.1916

### Protanopia

73.7328, -9.1912, 40.7455

### Deuteranopia

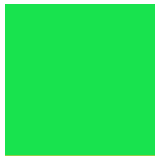
73.5894, 5.8718, 37.4739



## Tritanopia

74.2831, -28.0075, -14.4702

# Trichromacy



## Original Color

74.6207, -60.6868, 39.1916



## Protanomaly

71.6216, -36.8247, 38.4129



## Deuteranomaly

70.4711, -29.0119, 35.5089



## Tritanomaly

73.4752, -43.5409, 11.7854

# Monochromacy



## Original Color

74.6207, -60.6868, 39.1916



## Achromatopsia

54.8219, -2.9252, 2.9786



## Achromatomaly

59.8476, -30.1505, 17.7857

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.6207, -60.6868, 39.1916 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(24, 227, 78)` looks like.

```
.text, #text, p{  
    color:rgb(24, 227, 78)  
}
```

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(24, 227, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 227, 78) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.6207, -60.6868, 39.1916 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(24, 227, 78) }
```



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

```
.border{ border-color:rgb(24, 227, 78) }
```

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

Here you see how a box with a 4 pixel rgb(24, 227, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 227, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 227, 78);  
box-shadow:4px 4px 4px 4px rgb(24, 227,  
78) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.6207, -60.6868, 39.1916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 227, 78) }
```

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

```
.background{ background-color: rgb(24, 227,  
78) }
```

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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