

# Converting Colors

HunterLab(74.9369, -29.2703,  
41.9426)

Have a look what the booklet for  
HunterLab(74.9369, -29.2703,  
41.9426) contains.

<b>HunterLab(74.9369, -29.2703, 41.9426)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	28
<i><b>CSS Examples</b></i>	31

# Color

**HunterLab(74.9369,  
-29.2703, 41.9426)**

# Conversions

Conversions Part 1	
Format	Color
Hex	B4D23F
RGB	180, 210, 63
RGB Percent	71%, 82%, 25%
CMY	0.2941, 0.1765, 0.7529
CMYK	0.14, 0.00, 0.70, 0.18
HSL	72°, 62%, 54%
HSV	72°, 70%, 82%
XYZ	42.7662, 56.1554, 13.2877
YIQ	184.2720, 29.3070, -52.0770

# Conversions

## Conversions Part 2

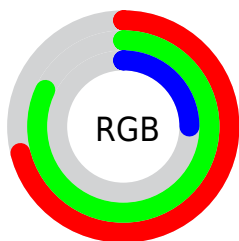
Format	Color
<a href="#">RYB</a>	<a href="#">63, 210, 93</a>
Decimal	<a href="#">11850303</a>
CIELab	<a href="#">79.70, -29.37, 65.80</a>
CIELCh	<a href="#">80, 72.058, 114.055</a>
Yxy	<a href="#">56.1579, 0.3811, 0.5005</a>
Android (android.graphics.Color)	<a href="#">4290040383</a> <a href="#">(0xFFB4D23F)</a>
YUV	<a href="#">184.2720, -59.7871, -3.7465</a>
Hunter-Lab	<a href="#">74.9369, -29.2703, 41.9426</a>

# Details

The HunterLab color **74.9369, -29.2703, 41.9426** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **32.4604, 41.7732, -90.6419**, and the grayscale version is **69.5828, -3.7128, 3.7806**.

A 20% lighter version of the original color is **95.5001, -27.5282, 47.5294**, and **52.5867, -24.5133, 31.9746** is the 20% darker color. If you saturate the color by 10%, you get **74.4712, -31.3195, 43.5962**, and if you desaturate by 10%, it is **75.4729, -26.8689, 39.4457**.

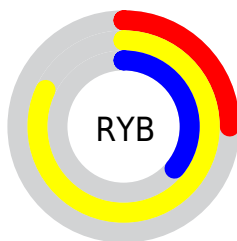
# Distribution



Red (71%)

Green (82%)

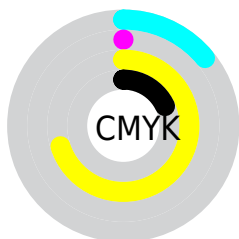
Blue (25%)



Red (25%)

Yellow (82%)

Blue (36%)

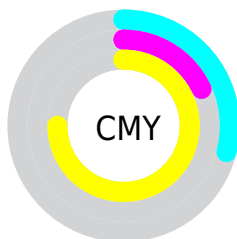


Cyan (14%)

Magenta (0%)

Yellow (70%)

Black (18%)



Cyan (29%)

Magenta (18%)


Yellow (75%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.9369, -29.2703, 41.9426 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 74.9369, -29.2703, 41.9426 by changing the saturation by 10% instead.





 74.9369, -29.2703,  
41.9426


 74.9369, -29.2703,  
41.9426


202.5553,  
-47.2777, 76.2118


 63.5056, -27.1024,  
37.4567


 99.6170, -33.4574,  
50.3763

 52.7215, -24.8609,  
32.7550


 112.8066,  
-35.4929, 54.3696


 42.6282, -22.5259,  
27.8132


 126.5319,  
-37.5003, 58.2396

 33.2765, -20.0652,  
22.9629

 140.7727,  
-39.4853, 62.0020

 24.7308, -17.4292,  
17.3116

 155.5110,  
-41.4521, 65.6700

 17.0758, -14.5352,  
11.9531

170.7305,

 10.4305, -13.0504,

-43.4046, 69.2548

7.3013

186.4164,  
-45.3456, 72.7660

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.9369, -29.2703,  
41.9426

■ 74.9369, -29.2703,  
41.9426

■ 74.4712, -31.3195,  
43.5962

■ 75.4729, -26.8689,  
39.4457

■ 74.0647, -33.0402,  
44.4918

■ 76.0789, -24.0882,  
36.0411

■ 73.7065, -34.5041,  
44.8135


■ 76.7602, -20.9177,  
31.6850


■ 73.7064, -34.5043,  
44.8135

■ 77.5194, -17.3509,  
26.3485


■ 78.3586, -13.3864,

20.0162

 79.2792, -9.0279,  
12.6846

 80.2819, -4.2827,  
4.3602

 81.3671, 0.8385,  
-4.9411

 82.5346, 6.3222,  
-15.1961

# Harmonies

## Analogous

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



74.9386, 3.0237, 43.7013



74.9369, -29.2703, 41.9426



74.9386, -50.6734, 32.5612

# Triad

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



74.9386, -29.2725, 41.9431



74.9386, -39.2394, -67.5101



74.9386, 74.4452, -2.7867

# Complementary

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



74.9369, -29.2703, 41.9426



32.4604, 41.7732, -90.6419

# 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.



74.9386, 57.9241, -43.4772



74.9369, -29.2703, 41.9426



74.9386, -10.7791, -90.3045

# Square

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



74.9386, -29.2725, 41.9431



74.9386, -55.6539, -26.6267



74.9386, 25.1347, -79.9429



74.9386, 67.0577, 25.5877



# Rectangle

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



74.9369, -29.2703, 41.9426



74.9386, -57.9077, 19.4851



74.9386, 25.1347, -79.9429



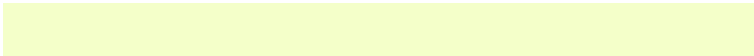
74.9386, 71.4223, -15.5044

# Sweetspot

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



74.9386, -29.2725, 41.9431



97.4699, -17.3116, 25.9752



46.6755, 38.1687, 23.4549



44.9559, -8.6621, 13.0743

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.9386, -29.2725, 41.9431



92.5033, -40.1186, 54.9649



70.4181, -47.1317, 38.6060



36.9739, -4.0814, 5.6947



57.6022, -26.8001, 35.0250



13.7360, -5.8907, 8.3609



# Inverse Universe

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



32.4604, 41.7732, -90.6419



32.7125, 65.7407, -150.1641



40.3804, 58.0464, -63.6320



33.9592, 0.4193, -2.1896



17.8451, 46.4653, -111.7620



4.6092, 11.3364, -23.7119



# Previews

## White Background



This preview shows how the HunterLab color 74.9369, -29.2703, 41.9426 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 74.9369, -29.2703, 41.9426 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 74.9369, -29.2703, 41.9426 Background



This preview shows how black text looks on a background with the HunterLab color 74.9369, -29.2703, 41.9426.



This preview shows how white text looks on a background with the HunterLab color 74.9369, -29.2703, 41.9426.

-29.2703, 41.9426.

# 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

74.9369, -29.2703, 41.9426

### Protanopia

74.5861, -9.4279, 42.3963

### Deuteranopia





74.5576, 5.7824, 41.3028




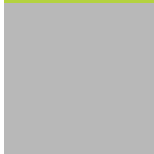
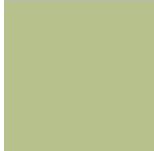
## Tritanopia

74.7231, -1.4604, -3.4042

# Trichromacy

	<b>Original Color</b> 74.9369, -29.2703, 41.9426
	<b>Protanomaly</b> 74.6323, -17.1994, 42.1797
	<b>Deuteranomaly</b> 74.1466, -7.7433, 41.1802
	<b>Tritanomaly</b> 74.2893, -13.9685, 19.7156

# Monochromacy

	<b>Original Color</b> 74.9369, -29.2703, 41.9426
	<b>Achromatopsia</b> 69.2330, -3.6941, 3.7616
	<b>Achromatomaly</b> 70.7818, -14.5920, 22.5772

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.9369, -29.2703, 41.9426 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(180, 210, 63)` looks like.

```
.text, #text, p{  
    color:rgb(180, 210, 63)  
}
```

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(180, 210, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 210, 63) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.9369, -29.2703, 41.9426 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(180, 210, 63) }
```



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

```
.border{ border-color:rgb(180, 210, 63) }
```

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

Here you see how a box with a 4 pixel rgb(180, 210, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 210, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 210, 63);  
box-shadow:4px 4px 4px 4px rgb(180, 210,  
63) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.9369, -29.2703, 41.9426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 210, 63) }
```

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

```
.background{ background-color: rgb(180,  
210, 63) }
```

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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