

Converting Colors

HunterLab(74.6140, -60.7306,
37.9281)

Have a look what the booklet for
HunterLab(74.6140, -60.7306,
37.9281) contains.

HunterLab(74.5808, -60.6924, 37.8948)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(74.5808,
-60.6924, 37.8948)**

Conversions

Conversions Part 1

Format	Color
Hex	02E356
RGB	2, 227, 86
RGB Percent	1%, 89%, 34%
CMY	0.9921, 0.1098, 0.6627
CMYK	0.99, 0.00, 0.62, 0.11
HSL	142°, 98%, 45%
HSV	142°, 99%, 89%
XYZ	29.1738, 55.6230, 18.0027
YIQ	143.6510, -88.8390, -91.5510

Conversions

Conversions Part 2

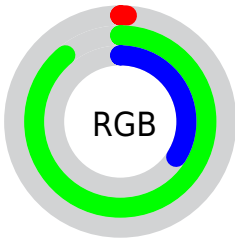
Format	Color
RYB	2, 166, 227
Decimal	189270
CIELab	79.40, -73.92, 54.71
CIElCh	79, 91.966, 143.496
Yxy	55.6252, 0.2838, 0.5411
Android (android.graphics.Color)	4278379350 (0xFF02E356)
YUV	143.6510, -28.4219, -124.2279
Hunter-Lab	74.5808, -60.6924, 37.8948

Details

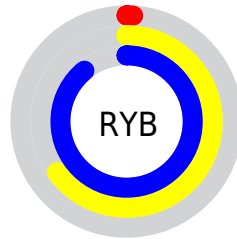
The HunterLab color **74.5808, -60.6924, 37.8948** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **42.8469, 77.7440, -8.2008**, and the grayscale version is **52.8085, -2.8177, 2.8692**.

A 20% lighter version of the original color is **87.5584, -57.8181, 36.1402**, and **53.7012, -45.4590, 31.0112** is the 20% darker color. If you saturate the color by 10%, you get **74.5602, -60.8143, 38.0869**, and if you desaturate by 10%, it is **74.8785, -59.1035, 35.5122**.

Distribution



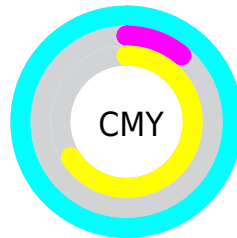
- Red (1%)
- Green (89%)
- Blue (34%)



- Red (1%)
- Yellow (65%)
- Blue (89%)



- Cyan (99%)
- Magenta (0%)
- Yellow (62%)
- Black (11%)





- Cyan (99%)
- Magenta (11%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 74.5808, -60.6924, 37.8948 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 74.5808, -60.6924, 37.8948 by changing the saturation by 10% instead.


 74.5808, -60.6924,
37.8948


 74.5808, -60.6924,
37.8948


202.0588,
-97.3975, 67.1652


 63.1684, -55.8425,
34.0966


 99.2252, -69.7538,
45.0437


 52.4047, -50.7148,
30.1110


 112.3983,
-74.0310, 48.4379


 42.3331, -45.2421,
25.9043


 126.1076,
-78.1728, 51.7350

 33.0049, -39.3292,
21.4428

 140.3330,
-82.1977, 54.9485

 24.4849, -32.8404,
17.1394

 155.0564,
-86.1210, 58.0896

 16.8585, -26.9959,
11.8009

170.2615,

 10.2462, -17.9309,

-89.9553, 61.1677

7.1724

185.9335,
-93.7112, 64.1907

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.5808, -60.6924,
37.8948

■ 74.5808, -60.6924,
37.8948

■ 74.5602, -60.8143,
38.0869

■ 74.8785, -59.1035,
35.5122

■ 75.3523, -56.7149,
32.8055

■ 76.0414, -53.3895,
29.8145

■ 76.9662, -49.0751,
26.5769

■ 78.1401, -43.7606,

23.1348

■ 79.5711, -37.4691,
19.5334

■ 81.2624, -30.2511,
15.8187

■ 83.2130, -22.1776,
12.0357

■ 85.4188, -13.3331,
8.2261

Harmonies

Analogous

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



74.5823, -34.9029, 46.6384



74.5808, -60.6924, 37.8948



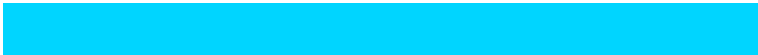
74.5823, -70.9802, 12.6408

Triad

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



74.5823, -60.6933, 37.8952



74.5823, -13.3588, -129.0130



74.5823, 90.9374, 29.6140

Complementary

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



74.5808, -60.6924, 37.8948



42.8469, 77.7440, -8.2008

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.



74.5823, 100.5010, -5.6801



74.5808, -60.6924, 37.8948



74.5823, 32.9719, -114.4756

Square

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



74.5823, -60.6933, 37.8952



74.5823, -48.0667, -94.4045



74.5823, 77.2626, -61.7354



74.5823, 53.5383, 44.1721

Rectangle

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



74.5808, -60.6924, 37.8948



74.5823, -69.8859, -17.3545



74.5823, 77.2626, -61.7354



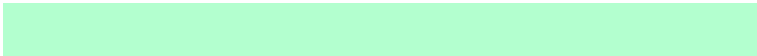
74.5823, 97.8256, 20.5552

Sweetspot

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



74.5823, -60.6933, 37.8952



92.4944, -35.4510, 18.5098



78.0510, -47.2347, 47.2240



42.4028, -18.0544, 9.3994

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



74.5823, -60.6933, 37.8952



85.0587, -69.4550, 43.6175



76.8015, -47.0745, 5.7194



40.2215, -6.4340, 3.9393



56.9570, -46.3278, 28.8170



15.5396, -12.2420, 7.0038

Inverse Universe

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



42.8469, 77.7440, -8.2008



48.7762, 88.7199, -8.7079



40.5949, 69.5010, 24.2345



38.1040, 2.4382, 0.3607



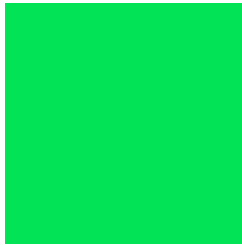
32.6971, 59.5632, -6.5331



8.9882, 16.5504, -3.1673

Previews

White Background



This preview shows how the HunterLab color 74.5808, -60.6924, 37.8948 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 74.5808, -60.6924, 37.8948 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 74.5808, -60.6924, 37.8948 Background



This preview shows how black text looks on a background with the HunterLab color 74.5808, -60.6924, 37.8948.



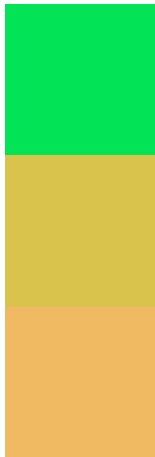
This preview shows how white text looks on a background with the HunterLab color 74.5808,

-60.6924, 37.8948.

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

74.5808, -60.6924, 37.8948

Protanopia

73.7006, -9.1617, 39.6052

Deuteranopia

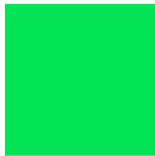
73.8410, 5.4219, 36.3172



Tritanopia

74.5156, -28.8547, -14.1553

Trichromacy



Original Color

74.5808, -60.6924, 37.8948



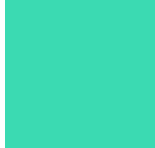
Protanomaly

71.1996, -38.3365, 36.8818



Deuteranomaly

70.2522, -31.3594, 33.8028



Tritanomaly

73.6797, -44.3626, 10.7309

Monochromacy



Original Color

74.5808, -60.6924, 37.8948



Achromatopsia

52.8104, -2.8178, 2.8693



Achromatomaly

58.2902, -31.1935, 16.3118

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.5808, -60.6924, 37.8948 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(2, 227, 86)` looks like.

```
.text, #text, p{  
    color:rgb(2, 227, 86)  
}
```

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(2, 227, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 227, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 74.5808, -60.6924, 37.8948 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(2, 227, 86) }
```


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

```
.border{ border-color:rgb(2, 227, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 227, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 227, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 227, 86);  
box-shadow:4px 4px 4px 4px rgb(2, 227, 86)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 74.5808, -60.6924, 37.8948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 227, 86) }
```

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

```
.background{ background-color: rgb(2, 227,  
86) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor