

Converting Colors

HunterLab(75.0142, -60.9915,
40.0736)

Have a look what the booklet for
HunterLab(75.0142, -60.9915,
40.0736) contains.

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Color

**HunterLab(75.0150,
-60.9744, 40.0359)**

Conversions

Conversions Part 1

Format	Color
Hex	1FE44A
RGB	31, 228, 74
RGB Percent	12%, 89%, 29%
CMY	0.8784, 0.1059, 0.7098
CMYK	0.86, 0.00, 0.68, 0.11
HSL	133°, 78%, 51%
HSV	133°, 86%, 89%
XYZ	29.5445, 56.2725, 15.7831
YIQ	151.5410, -67.9780, -89.6580

Conversions

Conversions Part 2

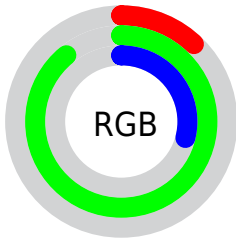
Format	Color
RYB	31, 193, 228
Decimal	2090058
CIELab	79.77, -74.10, 60.06
CIELCh	80, 95.378, 140.974
Yxy	56.2748, 0.2908, 0.5539
Android (android.graphics.Color)	4280280138 (0xFF1FE44A)
YUV	151.5410, -38.2277, -105.7145
Hunter-Lab	75.0150, -60.9744, 40.0359

Details

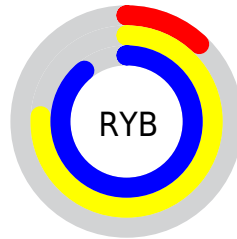
The HunterLab color **75.0150, -60.9744, 40.0359** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **45.8012, 80.5841, -29.7836**, and the grayscale version is **56.0199, -2.9891, 3.0437**.

A 20% lighter version of the original color is **87.6852, -57.6523, 38.9786**, and **53.9724, -46.2523, 32.3847** is the 20% darker color. If you saturate the color by 10%, you get **74.7190, -62.5167, 41.9596**, and if you desaturate by 10%, it is **75.5232, -58.4724, 37.5953**.

Distribution



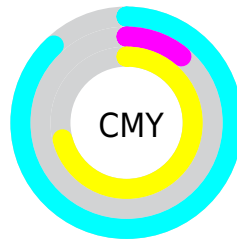
- Red (12%)
- Green (89%)
- Blue (29%)



- Red (12%)
- Yellow (76%)
- Blue (89%)



- Cyan (86%)
- Magenta (0%)
- Yellow (68%)
- Black (11%)



- Cyan (88%)
- Magenta (11%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.0150, -60.9744, 40.0359 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 75.0150, -60.9744, 40.0359 by changing the saturation by 10% instead.

75.0150, -60.9744,
40.0359

75.0150, -60.9744,
40.0359

202.6639,
-97.7153, 71.6904

63.5793, -56.1228,
35.9085

99.7027, -70.0416,
47.7980

52.7909, -50.9949,
31.5789

112.8960,
-74.3226, 51.4779

42.6928, -45.5237,
27.0165

126.6248,
-78.4683, 55.0481

33.3360, -39.6154,
22.2768

140.8689,
-82.4974, 58.5233

24.7847, -33.1358,
17.3493

155.6104,
-86.4251, 61.9156

17.1234, -27.1363,
11.9864

170.8330,

10.4709, -18.3241,

-90.2639, 65.2353

7.3296

186.5220,
-94.0244, 68.4910

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.0150, -60.9744,
40.0359

■ 75.0150, -60.9744,
40.0359

■ 74.7190, -62.5167,
41.9596

■ 75.5232, -58.4724,
37.5953

■ 74.6440, -62.9153,
42.5175


■ 76.2683, -54.9047,
34.6441


■ 77.2717, -50.2254,
31.2040


■ 78.5462, -44.4329,
27.3099


■ 80.0986, -37.5632,

23.0077

 81.9306, -29.6821,
18.3514

 84.0398, -20.8770,
13.3987

 86.4201, -11.2484,
8.2081

 89.0626, -0.9025,
2.8355

Harmonies

Analogous

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



75.0165, -33.0449, 47.7779



75.0150, -60.9744, 40.0359



75.0165, -72.7643, 16.0918

Triad

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



75.0165, -60.9754, 40.0362



75.0165, -17.3509, -135.0709



75.0165, 97.4168, 28.3396

Complementary

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



75.0150, -60.9744, 40.0359



45.8012, 80.5841, -29.7836

Split Complementary

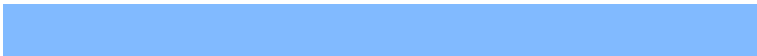
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0165, 104.5139, -10.3111



75.0150, -60.9744, 40.0359



75.0165, 30.2547, -124.1391

Square

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



75.0165, -60.9754, 40.0362



75.0165, -51.8661, -94.7426



75.0165, 77.5650, -70.3086



75.0165, 60.0159, 44.3987

Rectangle

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



75.0150, -60.9744, 40.0359



75.0165, -72.4535, -13.7134



75.0165, 77.5650, -70.3086



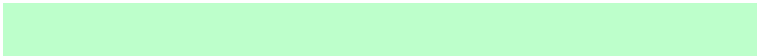
75.0165, 103.7290, 18.3667

Sweetspot

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



75.0165, -60.9754, 40.0362



93.0701, -33.4677, 20.7017



81.2047, -36.4285, 48.4537



42.7053, -16.9882, 10.4506

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.0165, -60.9754, 40.0362



84.7362, -71.4722, 48.3750



76.6590, -50.8539, 16.0873



40.1751, -6.6933, 4.6036



56.7330, -47.7283, 32.1203



15.4665, -12.6977, 8.0789

Inverse Universe

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



45.8012, 80.5841, -29.7836



50.3976, 94.5202, -31.0982



42.6144, 68.6755, 14.9697



38.1556, 2.7147, -0.3726



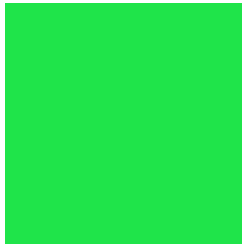
33.7698, 63.3981, -21.3274



9.2526, 17.4913, -6.7804

Previews

White Background



This preview shows how the HunterLab color 75.0150, -60.9744, 40.0359 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 75.0150, -60.9744, 40.0359 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 75.0150, -60.9744, 40.0359 Background



This preview shows how black text looks on a background with the HunterLab color 75.0150, -60.9744, 40.0359.



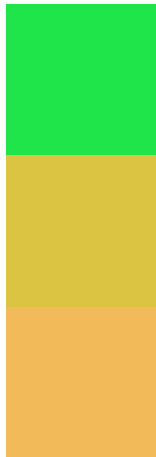
This preview shows how white text looks on a background with the HunterLab color 75.0150,

-60.9744, 40.0359.

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

75.0150, -60.9744, 40.0359

Protanopia

74.1091, -9.4832, 41.4987

Deuteranopia

73.9592, 5.5781, 38.2696



Tritanopia

74.6917, -28.1845, -13.8947

Trichromacy



Original Color

75.0150, -60.9744, 40.0359



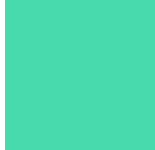
Protanomaly

72.1862, -36.4114, 39.3515



Deuteranomaly

70.9910, -28.7747, 36.4058



Tritanomaly

73.8496, -43.9462, 12.9957

Monochromacy



Original Color

75.0150, -60.9744, 40.0359



Achromatopsia

56.0347, -2.9899, 3.0445



Achromatomaly

61.0622, -30.4343, 18.5781

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.0150, -60.9744, 40.0359 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(31, 228, 74)` looks like.

```
.text, #text, p{  
    color:rgb(31, 228, 74)  
}
```

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(31, 228, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 228, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 75.0150, -60.9744, 40.0359 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(31, 228, 74) }
```


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

```
.border{ border-color:rgb(31, 228, 74) }
```

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

Here you see how a box with a 4 pixel rgb(31, 228, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 228, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 228, 74);  
box-shadow:4px 4px 4px 4px rgb(31, 228,  
74) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.0150, -60.9744, 40.0359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 228, 74) }
```

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

```
.background{ background-color: rgb(31, 228,  
74) }
```

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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