

Converting Colors

HunterLab(74.9616, -40.8222,
41.5146)

Have a look what the booklet for
HunterLab(74.9616, -40.8222,
41.5146) contains.

HunterLab(75.0355, -40.9631, 41.5678)	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(75.0355,
-40.9631, 41.5678)**

Conversions

Conversions Part 1

Format	Color
Hex	94D941
RGB	148, 217, 65
RGB Percent	58%, 85%, 25%
CMY	0.4196, 0.1490, 0.7451
CMYK	0.32, 0.00, 0.70, 0.15
HSL	87°, 67%, 55%
HSV	87°, 70%, 85%
XYZ	37.9797, 56.3033, 13.8669
YIQ	179.0410, 7.6680, -61.9000

Conversions

Conversions Part 2

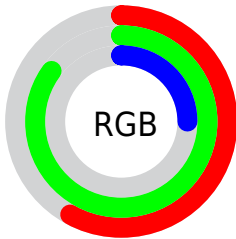
Format	Color
RYB	65, 217, 134
Decimal	9754945
CIELab	79.79, -44.60, 64.52
CIELCh	80, 78.435, 124.651
Yxy	56.3057, 0.3512, 0.5206
Android (android.graphics.Color)	4287945025 (0xFF94D941)
YUV	179.0410, -56.2222, -27.2230
Hunter-Lab	75.0355, -40.9631, 41.5678

Details

The HunterLab color **75.0355, -40.9631, 41.5678** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **37.2295, 51.1109, -80.7139**, and the grayscale version is **67.3841, -3.5954, 3.6611**.

A 20% lighter version of the original color is **92.7482, -37.8577, 44.9246**, and **52.9762, -34.6371, 32.0373** is the 20% darker color. If you saturate the color by 10%, you get **74.3106, -44.1417, 43.1701**, and if you desaturate by 10%, it is **75.8719, -37.2731, 39.1024**.

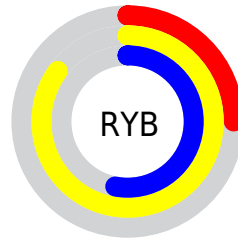
Distribution



Red (58%)

Green (85%)

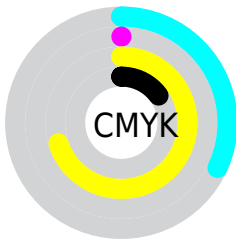
Blue (25%)



Red (25%)

Yellow (85%)

Blue (53%)

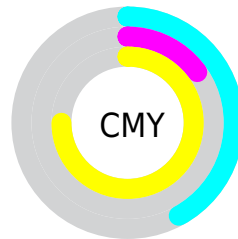


Cyan (32%)

Magenta (0%)

Yellow (70%)

Black (15%)



Cyan (42%)

Magenta (15%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.0355, -40.9631, 41.5678 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 75.0355, -40.9631, 41.5678 by changing the saturation by 10% instead.

■ 75.0355, -40.9631,
41.5678

■ 75.0355, -40.9631,
41.5678

202.6925,
-65.1377, 75.2480

■ 63.5988, -37.9175,
37.1625

■ 99.7253, -46.7494,
49.8501

■ 52.8092, -34.7331,
32.5444

■ 112.9196,
-49.5225, 53.7728

■ 42.7099, -31.3738,
27.6872

■ 126.6493,
-52.2333, 57.5752

■ 33.3517, -27.7857,
22.8397

■ 140.8943,
-54.8916, 61.2729

■ 24.7990, -23.8864,
17.3593

■ 155.6367,
-57.5052, 64.8788

■ 17.1360, -19.5431,
11.9952

170.8601,

■ 10.4816, -18.3428,

-60.0807, 68.4039

7.3371

186.5499,
-62.6233, 71.8576

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.0355, -40.9631,
41.5678

■ 75.0355, -40.9631,
41.5678

■ 74.3106, -44.1417,
43.1701

■ 75.8719, -37.2731,
39.1024

■ 73.6863, -46.8262,
43.9906

■ 76.8191, -33.0582,
35.7192


■ 73.1533, -49.0771,
44.2175


■ 77.8814, -28.3221,
31.3881

■ 79.0601, -23.0756,
26.0971


■ 80.3555, -17.3365,

19.8500

 81.7673, -11.1274,
12.6632

 83.2940, -4.4752,
4.5638

 84.9338, 2.5909,
-4.4133

 86.4841, 8.9757,
-11.4111

Harmonies

Analogous

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



75.0371, -9.8003, 45.4508



75.0355, -40.9631, 41.5678



75.0371, -58.9637, 28.0329

Triad

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



75.0371, -40.9648, 41.5682



75.0371, -32.6131, -88.8899



75.0371, 82.8649, 9.4677

Complementary

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



75.0355, -40.9631, 41.5678



37.2295, 51.1109, -80.7139

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.



75.0371, 73.4618, -31.8810



75.0355, -40.9631, 41.5678



75.0371, 1.9659, -102.4095

Square

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



75.0371, -40.9648, 41.5682



75.0371, -54.8520, -46.7082



75.0371, 41.8607, -77.7647



75.0371, 65.4916, 33.6839

Rectangle

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



75.0355, -40.9631, 41.5678



75.0371, -63.4443, 10.2384



75.0371, 41.8607, -77.7647



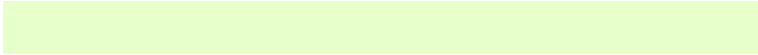
75.0371, 82.7558, -2.6393

Sweetspot

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



75.0371, -40.9648, 41.5682



96.2785, -21.6315, 24.7475



56.5865, 20.8875, 29.9932



44.3379, -10.9143, 12.4523

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.0371, -40.9648, 41.5682



88.8387, -54.5837, 52.3986



71.7014, -54.5614, 39.0909



38.6714, -5.0725, 5.7630



56.9707, -37.9544, 34.4406



14.6753, -8.9508, 8.8862

Inverse Universe

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



37.2295, 51.1109, -80.7139



37.6816, 72.9686, -124.3638



47.3346, 71.1158, -51.8176



35.9238, 1.2184, -2.0250



21.6401, 51.0729, -94.6475



5.9509, 13.4925, -21.7466

Previews

White Background



This preview shows how the HunterLab color 75.0355, -40.9631, 41.5678 looks on a white background.

Color Contrast Check

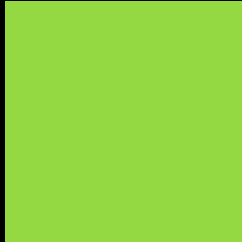
Large Text (above 18pt) WCAG AA × Fail

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 75.0355, -40.9631, 41.5678 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 75.0355, -40.9631, 41.5678 Background



This preview shows how black text looks on a background with the HunterLab color 75.0355, -40.9631, 41.5678.



This preview shows how white text looks on a background with the HunterLab color 75.0355,

-40.9631, 41.5678.

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

75.0355, -40.9631, 41.5678

Protanopia

74.5861, -9.4279, 42.3963

Deuteranopia

74.4815, 5.6172, 40.5506



Tritanopia

74.9341, -11.3378, -7.0509

Trichromacy



Original Color

75.0355, -40.9631, 41.5678

Protanomaly

74.1639, -22.1762, 41.6678

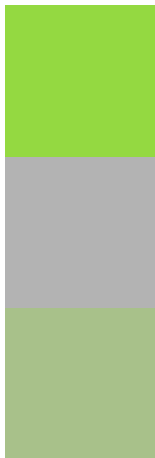
Deuteranomaly

73.8632, -13.4022, 40.3582

Tritanomaly

74.3863, -24.9167, 17.7820

Monochromacy



Original Color

75.0355, -40.9631, 41.5678

Achromatopsia

67.1406, -3.5825, 3.6479

Achromatomaly

69.4980, -19.3834, 21.9720

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.0355, -40.9631, 41.5678 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(148, 217, 65)` looks like.

```
.text, #text, p{  
    color:rgb(148, 217, 65)  
}
```

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(148, 217, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 217, 65) }
```

Border

The CSS property to change the border of an element to HunterLab 75.0355, -40.9631, 41.5678 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(148, 217, 65) }
```


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

```
.border{ border-color:rgb(148, 217, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 217, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 217, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 217, 65);  
box-shadow:4px 4px 4px 4px rgb(148, 217,  
65) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.0355, -40.9631, 41.5678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 217, 65) }
```

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

```
.background{ background-color: rgb(148,  
217, 65) }
```

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