

Converting Colors

HunterLab(79.8490, -40.7187,
39.7246)

Have a look what the booklet for
HunterLab(79.8490, -40.7187,
39.7246) contains.

HunterLab(79.8490, -40.7187, 39.7246)	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(79.8490,
-40.7187, 39.7246)**

Conversions

Conversions Part 1

Format	Color
Hex	9FE463
RGB	159, 228, 99
RGB Percent	62%, 89%, 39%
CMY	0.3765, 0.1059, 0.6117
CMYK	0.30, 0.00, 0.57, 0.11
HSL	92°, 70%, 64%
HSV	92°, 57%, 89%
XYZ	44.2936, 63.7586, 21.7766
YIQ	192.6630, 0.2850, -54.7470

Conversions

Conversions Part 2

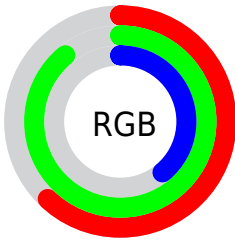
Format	Color
R _Y B	99, 228, 168
Decimal	10478691
CIE Lab	83.84, -42.70, 55.18
CIE LCh	84, 69.769, 127.734
Yxy	63.7614, 0.3412, 0.4911
Android (android.graphics.Color)	4288668771 (0xFF9FE463)
YUV	192.6630, -46.1759, -29.5225
Hunter-Lab	79.8490, -40.7187, 39.7246

Details

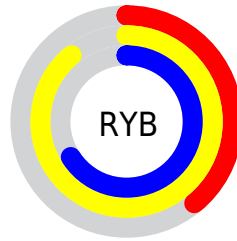
The HunterLab color $79.8490, -40.7187, 39.7246$ is a light color, and the websafe version is hex $99CC33$. A complement of this color would be $47.8038, 45.6035, -60.7847$, and the grayscale version is $73.0738, -3.8990, 3.9702$.

A 20% lighter version of the original color is $94.1125, -31.6931, 38.4508$, and $57.0772, -34.7748, 31.9830$ is the 20% darker color. If you saturate the color by 10%, you get $78.8664, -45.0983, 42.6394$, and if you desaturate by 10%, it is $80.9752, -35.7137, 35.8362$.

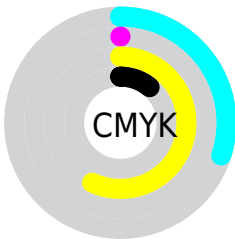
Distribution



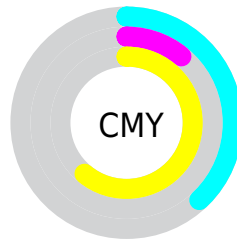
- Red (62%)
- Green (89%)
- Blue (39%)



- Red (39%)
- Yellow (89%)
- Blue (66%)



- Cyan (30%)
- Magenta (0%)
- Yellow (57%)
- Black (11%)



- Cyan (38%)
- Magenta (11%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.8490, -40.7187, 39.7246 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 79.8490, -40.7187, 39.7246 by changing the saturation by 10% instead.

■ 79.8490, -40.7187,
39.7246

■ 79.8490, -40.7187,
39.7246

209.3627,
-63.9352, 68.8741

■ 68.1597, -37.8293,
35.9711

■ 105.0082,
-46.2361, 46.8125

■ 57.1025, -34.8208,
32.0422

■ 118.4221,
-48.8909, 50.1866

■ 46.7178, -31.6639,
27.9063

■ 132.3630,
-51.4918, 53.4687

■ 37.0523, -28.3147,
23.5284

■ 146.8117,
-54.0473, 56.6715

■ 28.1643, -24.7077,
19.2484

161.7510,
-56.5642, 59.8053

■ 20.1287, -20.7393,
14.0901

177.1652,

■ 13.0479, -17.1689,

-59.0481, 62.8789

9.1335

193.0401,
-61.5037, 65.8997

■ 6.5212, -11.4122,
4.5649

0.0000, NaN, NaN

■ 79.8490, -40.7187,
39.7246

■ 79.8490, -40.7187,
39.7246

■ 78.8664, -45.0983,
42.6394

■ 80.9752, -35.7137,
35.8362

■ 78.0184, -48.8470,
44.6227

■ 82.2419, -30.0904,
30.9531

■ 77.3007, -51.9820,
45.7490

■ 83.6513, -23.8729,
25.0757

■ 76.7042, -54.5411,
46.1368

■ 85.2028, -17.0909,
18.2207

■ 76.5220, -55.3181,
46.1841

■ 86.8947, -9.7795,
10.4173

■ 88.7244, -1.9774,
1.7049

■ 90.5593, 5.5811,
-6.0407

■ 91.6349, 9.1781,
-4.5878

Harmonies

Analogous

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



79.8507, -12.9400, 44.8505



79.8490, -40.7187, 39.7246



79.8507, -56.5503, 24.6352

Triad

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



79.8507, -40.7205, 39.7251



79.8507, -27.7285, -78.1352



79.8507, 72.0751, 12.3298

Complementary

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



79.8490, -40.7187, 39.7246



47.8038, 45.6035, -60.7847

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.



79.8507, 66.3172, -23.2366



79.8490, -40.7187, 39.7246



79.8507, 4.7971, -86.0448

Square

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



79.8507, -40.7205, 39.7251



79.8507, -49.9784, -44.3142



79.8507, 40.1924, -62.8100



79.8507, 54.8108, 33.9776

Rectangle

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



79.8490, -40.7187, 39.7246



79.8507, -60.0132, 6.7851



79.8507, 40.1924, -62.8100



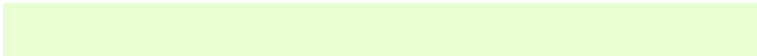
79.8507, 72.8140, 1.8285

Sweetspot

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



79.8507, -40.7205, 39.7251



96.6334, -19.8241, 21.1230



67.3267, 10.0093, 31.2654



44.5371, -9.9117, 10.5357

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.8507, -40.7205, 39.7251



89.3477, -52.0370, 48.9003



76.8946, -52.4956, 36.5071



40.5166, -5.5986, 5.9844



58.2064, -41.7888, 35.1350



15.9951, -10.6506, 9.6696

Inverse Universe

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



47.8038, 45.6035, -60.7847



47.1529, 63.4990, -88.7927



55.4843, 63.3511, -39.8359



37.7688, 1.5610, -2.0433



23.8607, 54.4174, -89.6599



6.8984, 15.2784, -22.4004

Previews

White Background



This preview shows how the HunterLab color 79.8490, -40.7187, 39.7246 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 79.8490, -40.7187, 39.7246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

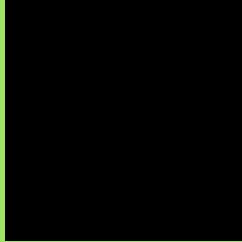
Any Text WCAG AA ✓ Pass

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 79.8490, -40.7187, 39.7246 Background



This preview shows how black text looks on a background with the HunterLab color 79.8490, -40.7187, 39.7246.



This preview shows how white text looks on a background with the HunterLab color 79.8490, -40.7187, 39.7246.

-40.7187, 39.7246.

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

79.8490, -40.7187, 39.7246

Protanopia

79.3038, -9.3886, 40.9599

Deuteranopia

79.2163, 6.0221, 38.0895



Tritanopia

79.5787, -11.7883, -7.4971

Trichromacy



Original Color

79.8490, -40.7187, 39.7246

Protanomaly

78.9976, -21.7816, 40.1711

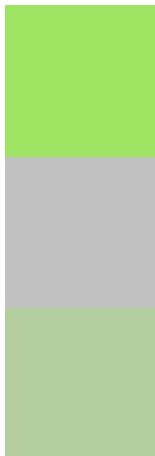
Deuteranomaly

78.6362, -13.0716, 38.1498

Tritanomaly

79.2085, -24.4201, 14.8464

Monochromacy



Original Color

79.8490, -40.7187, 39.7246

Achromatopsia

73.0258, -3.8965, 3.9676

Achromatomaly

75.1462, -18.9482, 20.0933

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.8490, -40.7187, 39.7246 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(159, 228, 99)` looks like.

```
.text, #text, p{  
    color:rgb(159, 228, 99)  
}
```

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(159, 228, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 228, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 79.8490, -40.7187, 39.7246 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(159, 228, 99) }
```


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

```
.border{ border-color:rgb(159, 228, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 228, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 228, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 228, 99);  
box-shadow:4px 4px 4px 4px rgb(159, 228,  
99) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.8490, -40.7187, 39.7246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 228, 99) }
```

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

```
.background{ background-color: rgb(159,  
228, 99) }
```

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