

Converting Colors

HunterLab(76.4797, -53.6928,
40.7017)

Have a look what the booklet for
HunterLab(76.4797, -53.6928,
40.7017) contains.

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Color

**HunterLab(76.3156,
-53.6168, 40.6319)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 65E34D |
| RGB | 101, 227, 77 |
| RGB Percent | 40%, 89%, 30% |
| CMY | 0.6039, 0.1098, 0.6980 |
| CMYK | 0.56, 0.00, 0.66, 0.11 |
| HSL | 110°, 73%, 60% |
| HSV | 110°, 66%, 89% |
| XYZ | 34.1755, 58.2407, 16.4615 |
| YIQ | 172.2260, -26.9460, -73.3620 |

Conversions

Conversions Part 2

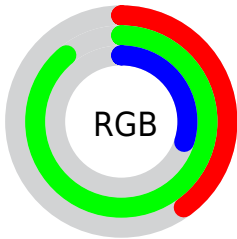
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 77, 227, 203 |
| Decimal | 6677325 |
| CIELab | 80.87, -62.01, 60.48 |
| CIELCh | 81, 86.617, 135.717 |
| Yxy | 58.2432, 0.3139, 0.5349 |
| Android (android.graphics.Color) | 4284867405 (0xFF65E34D) |
| YUV | 172.2260, -46.9464, -62.4652 |
| Hunter-Lab | 76.3156, -53.6168, 40.6319 |

Details

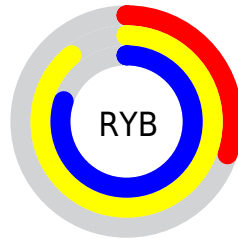
The HunterLab color **76.3156, -53.6168, 40.6319** is a dark color, and the websafe version is hex **33CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **48.5308, 66.4270, -57.7210**, and the grayscale version is **64.5210, -3.4427, 3.5055**.

A 20% lighter version of the original color is **89.9263, -48.5452, 40.1695**, and **53.8064, -45.1381, 32.0803** is the 20% darker color. If you saturate the color by 10%, you get **75.4987, -57.3712, 42.7473**, and if you desaturate by 10%, it is **77.3647, -48.8394, 37.6342**.

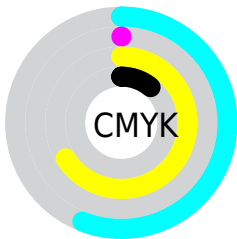
Distribution



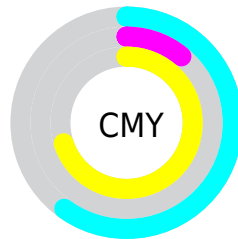
- Red (40%)
- Green (89%)
- Blue (30%)



- Red (30%)
- Yellow (89%)
- Blue (80%)



- Cyan (56%)
- Magenta (0%)
- Yellow (66%)
- Black (11%)





- Cyan (60%)
- Magenta (11%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.3156, -53.6168, 40.6319 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 76.3156, -53.6168, 40.6319 by changing the saturation by 10% instead.


 76.3156, -53.6168,
40.6319


 76.3156, -53.6168,
40.6319


204.4728,
-85.0292, 72.3808


 64.8106, -49.5408,
36.4989


 101.1320,
-61.2821, 48.4102


 53.9486, -45.2508,
32.1659


 114.3855,
-64.9215, 52.0999


 43.7721, -40.6941,
27.6026


 128.1721,
-68.4583, 55.6806

 34.3306, -35.7950,
22.8245

 142.4720,
-71.9070, 59.1668

 25.6867, -30.4422,
17.9807

 157.2674,
-75.2794, 62.5704

 17.9221, -24.5646,
12.5455

172.5422,

 11.1508, -19.5139,

-78.5853, 65.9018

7.8056

188.2818,
-81.8330, 69.1695

■ 3.1102, -5.4429,
2.1772

0.0000, NaN, NaN

■ 76.3156, -53.6168,
40.6319

■ 76.3156, -53.6168,
40.6319

■ 75.4987, -57.3712,
42.7473

■ 77.3647, -48.8394,
37.6342

■ 74.8965, -60.1262,
44.0388


■ 78.6490, -43.0422,
33.7298


■ 74.4923, -61.9519,
44.6137


■ 80.1738, -36.2622,
28.9259

■ 74.3783, -62.4637,
44.7380

■ 81.9391, -28.5573,
23.2531

 83.9420, -20.0016,
16.7604

 86.1772, -10.6794,
9.5098

 88.6373, -0.6794,
1.5707

 91.1850, 9.2260,
-5.1663

 91.3348, 9.7237,
-4.9643

Harmonies

Analogous

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



76.3172, -24.6995, 47.2339



76.3156, -53.6168, 40.6319



76.3172, -67.5160, 20.7482

Triad

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



76.3172, -53.6181, 40.6323



76.3172, -22.9551, -113.7096



76.3172, 90.0055, 22.1372

Complementary

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



76.3156, -53.6168, 40.6319



48.5308, 66.4270, -57.7210

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.



76.3172, 90.7575, -17.2787



76.3156, -53.6168, 40.6319



76.3172, 19.0001, -112.5911

Square

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



76.3172, -53.6181, 40.6323



76.3172, -52.5797, -73.6124



76.3172, 62.5983, -71.0787



76.3172, 60.7233, 41.1764

Rectangle

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



76.3156, -53.6168, 40.6319



76.3172, -68.8412, -3.8826



76.3172, 62.5983, -71.0787



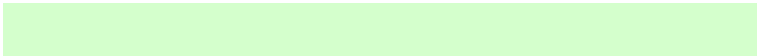
76.3172, 93.7856, 11.4020

Sweetspot

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



76.3172, -53.6181, 40.6323



94.8158, -26.8860, 22.2320



76.8834, -8.8465, 41.8052



43.5686, -13.7111, 11.2499

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.3172, -53.6181, 40.6323



85.8778, -66.6614, 49.3790



76.1912, -52.8309, 30.3978



40.2483, -6.5579, 5.6764



56.8286, -47.5783, 34.1846



15.5573, -12.4707, 9.3680

Inverse Universe

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



48.5308, 66.4270, -57.7210



50.4665, 87.5080, -78.5197



49.8142, 64.2935, -17.6893



38.0689, 2.5723, -1.6410



31.1661, 63.7508, -60.3087



8.6556, 17.5842, -15.8124

Previews

White Background



This preview shows how the HunterLab color 76.3156, -53.6168, 40.6319 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 76.3156, -53.6168, 40.6319 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 76.3156, -53.6168, 40.6319 Background



This preview shows how black text looks on a background with the HunterLab color 76.3156, -53.6168, 40.6319.



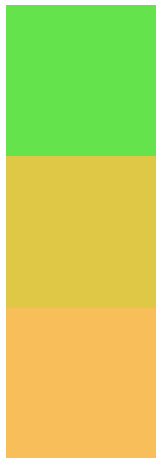
This preview shows how white text looks on a background with the HunterLab color 76.3156,

-53.6168, 40.6319.

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

76.3156, -53.6168, 40.6319

Protanopia

75.7801, -9.7525, 42.1195

Deuteranopia

75.7115, 5.6018, 39.3499



Tritanopia

75.9274, -21.9041, -11.4829

Trichromacy



Original Color

76.3156, -53.6168, 40.6319



Protanomaly

74.9298, -29.1518, 40.8098



Deuteranomaly

74.0521, -20.5326, 38.3900



Tritanomaly

75.3304, -36.2448, 14.2661

Monochromacy



Original Color

76.3156, -53.6168, 40.6319



Achromatopsia

64.2295, -3.4271, 3.4897



Achromatomaly

67.5399, -25.1151, 20.4021

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.3156, -53.6168, 40.6319 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(101, 227, 77)` looks like.

```
.text, #text, p{  
    color:rgb(101, 227, 77)  
}
```

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(101, 227, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 227, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 76.3156, -53.6168, 40.6319 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(101, 227, 77) }
```


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

```
.border{ border-color:rgb(101, 227, 77) }
```

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

Here you see how a box with a 4 pixel rgb(101, 227, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 227, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 227, 77);  
box-shadow:4px 4px 4px 4px rgb(101, 227,  
77) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.3156, -53.6168, 40.6319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 227, 77) }
```

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

```
.background{ background-color: rgb(101,  
227, 77) }
```

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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