

Converting Colors

HunterLab(76.6407, -53.4759,
40.3727)

Have a look what the booklet for
HunterLab(76.6407, -53.4759,
40.3727) contains.

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Color

**HunterLab(76.7403,
-53.6502, 40.4842)**

Conversions

Conversions Part 1

Format	Color
Hex	66E450
RGB	102, 228, 80
RGB Percent	40%, 89%, 31%
CMY	0.6000, 0.1059, 0.6863
CMYK	0.55, 0.00, 0.65, 0.11
HSL	111°, 73%, 60%
HSV	111°, 65%, 89%
XYZ	34.6708, 58.8907, 17.1291
YIQ	173.4540, -27.5880, -72.7400

Conversions

Conversions Part 2

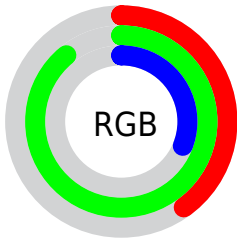
Format	Color
RYB	80, 228, 206
Decimal	6743120
CIELab	81.23, -61.85, 59.67
CIELCh	81, 85.942, 136.024
Yxy	58.8932, 0.3132, 0.5320
Android (android.graphics.Color)	4284933200 (0xFF66E450)
YUV	173.4540, -46.0728, -62.6652
Hunter-Lab	76.7403, -53.6502, 40.4842

Details

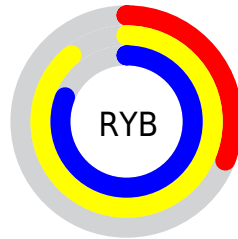
The HunterLab color **76.7403, -53.6502, 40.4842** is a dark color, and the websafe version is hex **33CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **49.4597, 66.2110, -56.3549**, and the grayscale version is **65.0271, -3.4697, 3.5330**.

A 20% lighter version of the original color is **90.0310, -48.0377, 39.5406**, and **54.2059, -45.1940, 32.0741** is the 20% darker color. If you saturate the color by 10%, you get **75.8992, -57.5206, 42.7171**, and if you desaturate by 10%, it is **77.8199, -48.7328, 37.3617**.

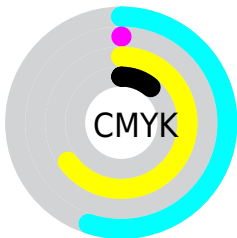
Distribution



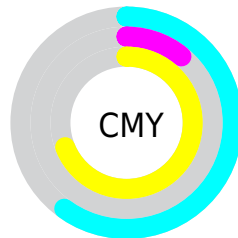
- Red (40%)
- Green (89%)
- Blue (31%)



- Red (31%)
- Yellow (89%)
- Blue (81%)



- Cyan (55%)
- Magenta (0%)
- Yellow (65%)
- Black (11%)





- Cyan (60%)
- Magenta (11%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.7403, -53.6502, 40.4842 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 76.7403, -53.6502, 40.4842 by changing the saturation by 10% instead.


 76.7403, -53.6502,
40.4842


 76.7403, -53.6502,
40.4842


205.0625,
-84.9646, 71.8415

 65.2129, -49.5909,
36.4076


 101.5985,
-61.2872, 48.1591


 54.3271, -45.3200,
32.1344


 114.8714,
-64.9144, 51.8013

 44.1251, -40.7856,
27.6336


 128.6768,
-68.4399, 55.3370

 34.6562, -35.9131,
22.8938

 142.9948,
-71.8782, 58.7805

 25.9824, -30.5931,
18.1877

 157.8076,
-75.2408, 62.1434

 18.1846, -24.7123,
12.7292

173.0994,

 11.3750, -19.9063,

-78.5376, 65.4357

7.9625

188.8554,
-81.7766, 68.6660

■ 3.6944, -6.4652,
2.5861

0.0000, NaN, NaN

■ 76.7403, -53.6502,
40.4842

■ 76.7403, -53.6502,
40.4842

■ 75.8992, -57.5206,
42.7171

■ 77.8199, -48.7328,
37.3617

■ 75.2792, -60.3654,
44.1138


■ 79.1408, -42.7749,
33.3296


■ 74.8632, -62.2528,
44.7750


■ 80.7082, -35.8167,
28.3992

■ 74.7177, -62.9073,
44.9394

■ 82.5217, -27.9203,
22.6051

 84.5782, -19.1636,
15.9998

 86.8718, -9.6345,
8.6480

 89.3946, 0.5751,
0.6211

 91.6347, 9.1785,
-4.5881

Harmonies

Analogous

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



76.7419, -24.9813, 47.2525



76.7403, -53.6502, 40.4842



76.7419, -67.3834, 20.3942

Triad

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



76.7419, -53.6515, 40.4846



76.7419, -22.5005, -112.6421



76.7419, 89.0547, 22.3742

Complementary

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



76.7403, -53.6502, 40.4842



49.4597, 66.2110, -56.3549

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.



76.7419, 90.1187, -16.5962



76.7403, -53.6502, 40.4842



76.7419, 19.2867, -111.0657

Square

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



76.7419, -53.6515, 40.4846



76.7419, -52.1708, -73.3702



76.7419, 62.4655, -69.7939



76.7419, 59.8103, 41.2678

Rectangle

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



76.7403, -53.6502, 40.4842



76.7419, -68.6132, -4.2575



76.7419, 62.4655, -69.7939



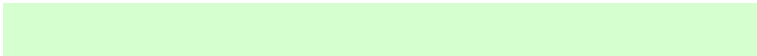
76.7419, 92.9026, 11.7515

Sweetspot

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



76.7419, -53.6515, 40.4846



95.0061, -26.0508, 21.4266



78.1808, -10.1722, 42.2403



43.6456, -13.3685, 10.9041

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.7419, -53.6515, 40.4846



85.8888, -66.5868, 49.1670



76.7173, -52.3436, 29.5398



40.2385, -6.5931, 5.6651



56.8039, -47.6839, 34.1675



15.5453, -12.5215, 9.3597

Inverse Universe

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



49.4597, 66.2110, -56.3549



51.1236, 87.4058, -76.6879



50.3739, 63.2309, -16.3221



38.0802, 2.6104, -1.6258



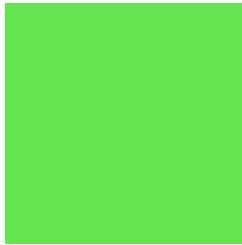
31.4755, 64.1786, -59.3181



8.7278, 17.6851, -15.5887

Previews

White Background



This preview shows how the HunterLab color 76.7403, -53.6502, 40.4842 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 76.7403, -53.6502, 40.4842 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 76.7403, -53.6502, 40.4842 Background



This preview shows how black text looks on a background with the HunterLab color 76.7403, -53.6502, 40.4842.



This preview shows how white text looks on a background with the HunterLab color 76.7403,

-53.6502, 40.4842.

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

76.7403, -53.6502, 40.4842

Protanopia

76.2158, -9.7257, 42.0242

Deuteranopia

76.1517, 5.6731, 39.1404



Tritanopia

76.3836, -21.7556, -11.9964

Trichromacy



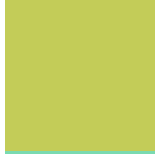
Original Color

76.7403, -53.6502, 40.4842



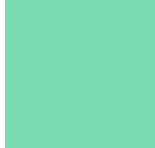
Protanomaly

75.3657, -29.1307, 40.6932



Deuteranomaly

74.4932, -20.4739, 38.1957



Tritanomaly

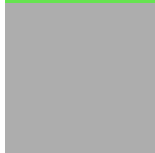
75.7727, -36.1729, 13.9180

Monochromacy



Original Color

76.7403, -53.6502, 40.4842



Achromatopsia

64.6440, -3.4492, 3.5122



Achromatomaly

67.9758, -25.0468, 20.1429

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.7403, -53.6502, 40.4842 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(102, 228, 80)` looks like.

```
.text, #text, p{  
    color:rgb(102, 228, 80)  
}
```

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(102, 228, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 228, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 76.7403, -53.6502, 40.4842 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(102, 228, 80) }
```


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

```
.border{ border-color:rgb(102, 228, 80) }
```

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

Here you see how a box with a 4 pixel rgb(102, 228, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 228, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 228, 80);  
box-shadow:4px 4px 4px 4px rgb(102, 228,  
80) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.7403, -53.6502, 40.4842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 228, 80) }
```

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

```
.background{ background-color: rgb(102,  
228, 80) }
```

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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