

Converting Colors

HunterLab(76.2431, -45.8148,
37.8589)

Have a look what the booklet for
HunterLab(76.2431, -45.8148,
37.8589) contains.

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Color

**HunterLab(76.3221,
-45.9502, 37.9984)**

Conversions

Conversions Part 1

Format	Color
Hex	81DF5E
RGB	129, 223, 94
RGB Percent	51%, 87%, 37%
CMY	0.4941, 0.1255, 0.6314
CMYK	0.42, 0.00, 0.58, 0.13
HSL	104°, 67%, 62%
HSV	104°, 58%, 87%
XYZ	37.4613, 58.2506, 19.8588
YIQ	180.1880, -14.6150, -60.0470

Conversions

Conversions Part 2

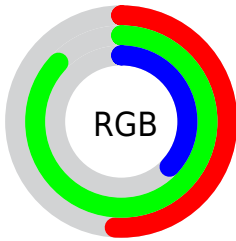
Format	Color
R_{YB}	94, 223, 188
Decimal	8511326
CIE _{Lab}	80.88, -50.99, 53.61
CIE _{LCh}	81, 73.983, 133.563
Yxy	58.2531, 0.3241, 0.5040
Android (android.graphics.Color)	4286701406 (0xFF81DF5E)
YUV	180.1880, -42.4907, -44.8919
Hunter-Lab	76.3221, -45.9502, 37.9984

Details

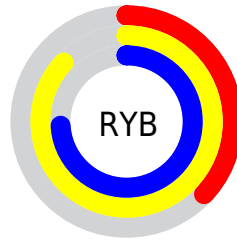
The HunterLab color **76.3221, -45.9502, 37.9984** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **49.0168, 52.8348, -53.3187**, and the grayscale version is **67.8145, -3.6184, 3.6845**.

A 20% lighter version of the original color is **91.7730, -40.7922, 37.7356**, and **53.9662, -38.9275, 30.4634** is the 20% darker color. If you saturate the color by 10%, you get **75.3232, -50.4685, 40.7443**, and if you desaturate by 10%, it is **77.5167, -40.5968, 34.3457**.

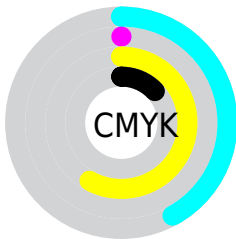
Distribution



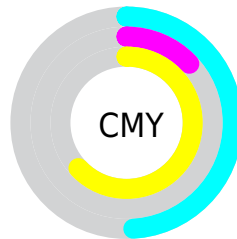
- Red (51%)
- Green (87%)
- Blue (37%)



- Red (37%)
- Yellow (87%)
- Blue (74%)



- Cyan (42%)
- Magenta (0%)
- Yellow (58%)
- Black (13%)





- Cyan (49%)
- Magenta (13%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.3221, -45.9502, 37.9984 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 76.3221, -45.9502, 37.9984 by changing the saturation by 10% instead.


 76.3221, -45.9502,
37.9984

 76.3221, -45.9502,
37.9984


204.4819,
-72.7153, 66.6666


 64.8168, -42.5401,
34.2941


 101.1392,
-52.4042, 44.9812

 53.9544, -38.9663,
30.4106


 114.3929,
-55.4865, 48.3012

 43.7775, -35.1875,
26.3147


 128.1798,
-58.4928, 51.5290

 34.3356, -31.1429,
21.9697

 142.4800,
-61.4343, 54.6774

 25.6912, -26.7412,
17.9839

157.2757,
-64.3204, 57.7571

 17.9262, -21.8389,
12.5483

172.5507,

 11.1542, -19.5199,

-67.1586, 60.7770

7.8080

188.2906,
-69.9551, 63.7447

■ 3.1200, -5.4600,
2.1840

0.0000, NaN, NaN

■ 76.3221, -45.9502,
37.9984

■ 76.3221, -45.9502,
37.9984

■ 75.3232, -50.4685,
40.7443

■ 77.5167, -40.5968,
34.3457

■ 74.5096, -54.1419,
42.6168


■ 78.9047, -34.4296,
29.7775


■ 73.8740, -56.9913,
43.6859


■ 80.4881, -27.4914,
24.3095

■ 73.4018, -59.0747,
44.0842


■ 82.2648, -19.8357,
17.9748

 73.3171, -59.4473,
44.1369

 84.2311, -11.5234,
10.8199

 86.3822, -2.6198,
2.9004

 88.7117, 6.8088,
-5.7226

 90.1431, 11.9096,
-6.4723

Harmonies

Analogous

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



76.3237, -19.5552, 44.3292



76.3221, -45.9502, 37.9984



76.3237, -59.5066, 20.4558

Triad

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



76.3237, -45.9516, 37.9989



76.3237, -22.5918, -89.0954



76.3237, 75.0139, 17.9685

Complementary

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



76.3221, -45.9502, 37.9984



49.0168, 52.8348, -53.3187

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.



76.3237, 73.7882, -16.7908



76.3221, -45.9502, 37.9984



76.3237, 12.7433, -90.8283

Square

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



76.3237, -45.9516, 37.9989



76.3237, -47.8200, -56.1382



76.3237, 49.3807, -60.1431



76.3237, 52.4722, 36.9029

Rectangle

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



76.3221, -45.9502, 37.9984



76.3237, -61.3379, -0.0268



76.3237, 49.3807, -60.1431



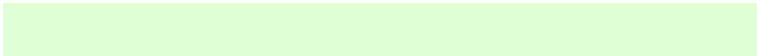
76.3237, 77.4780, 8.1119

Sweetspot

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



76.3237, -45.9516, 37.9989



95.9214, -22.4190, 20.3563



71.9767, -1.6926, 35.5982



44.1741, -11.2414, 10.1513

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.3237, -45.9516, 37.9989



87.5104, -59.5320, 47.8631



75.2075, -49.6931, 30.9689



39.3906, -6.0543, 5.6424



56.2610, -45.4029, 33.8729



14.9585, -11.3379, 9.0189

Inverse Universe

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



49.0168, 52.8348, -53.3187



51.1107, 73.4997, -76.9670



52.5712, 58.3901, -24.8482



37.0660, 2.1377, -1.7364



27.8184, 58.9005, -69.3146



7.6147, 15.8919, -17.1834

Previews

White Background



This preview shows how the HunterLab color 76.3221, -45.9502, 37.9984 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 76.3221, -45.9502, 37.9984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

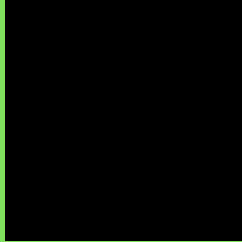
Any Text WCAG AA ✓ Pass

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 76.3221, -45.9502, 37.9984 Background



This preview shows how black text looks on a background with the HunterLab color 76.3221, -45.9502, 37.9984.



This preview shows how white text looks on a background with the HunterLab color 76.3221, -45.9502, 37.9984.

-45.9502, 37.9984.

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

76.3221, -45.9502, 37.9984

Protanopia

75.8461, -9.1773, 39.5267

Deuteranopia

75.6430, 5.7132, 36.6530



Tritanopia

76.0048, -16.8103, -9.5886

Trichromacy



Original Color

76.3221, -45.9502, 37.9984



Protanomaly

75.1940, -24.4324, 38.2794



Deuteranomaly

74.7380, -16.0330, 36.2080



Tritanomaly

75.6550, -29.5643, 13.0921

Monochromacy



Original Color

76.3221, -45.9502, 37.9984



Achromatopsia

67.5582, -3.6047, 3.6706



Achromatomaly

70.1618, -21.3679, 18.8315

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.3221, -45.9502, 37.9984 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(129, 223, 94)` looks like.

```
.text, #text, p{  
    color:rgb(129, 223, 94)  
}
```

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(129, 223, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 223, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 76.3221, -45.9502, 37.9984 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(129, 223, 94) }
```


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

```
.border{ border-color:rgb(129, 223, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 223, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 223, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 223, 94);  
box-shadow:4px 4px 4px 4px rgb(129, 223,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.3221, -45.9502, 37.9984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 223, 94) }
```

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

```
.background{ background-color: rgb(129,  
223, 94) }
```

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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