

Converting Colors

HunterLab(76.8224, -65.0801,
44.4679)

Have a look what the booklet for
HunterLab(76.8224, -65.0801,
44.4679) contains.

HunterLab(76.8245, -65.0665, 44.4360)	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(76.8245,
-65.0665, 44.4360)**

Conversions

Conversions Part 1

Format	Color
Hex	00EA2B
RGB	0, 234, 43
RGB Percent	0%, 92%, 17%
CMY	1.0000, 0.0823, 0.8313
CMYK	1.00, 0.00, 0.82, 0.08
HSL	131°, 100%, 46%
HSV	131°, 100%, 92%
XYZ	29.8589, 59.0200, 12.1037
YIQ	142.2600, -78.1530, -109.0090

Conversions

Conversions Part 2

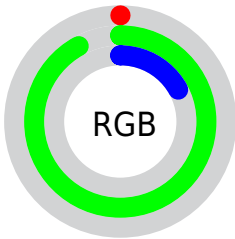
Format	Color
R _{YB}	0, 198, 234
Decimal	59947
CIE Lab	81.30, -79.51, 71.60
CIE LCh	81, 106.996, 137.998
Yxy	59.0225, 0.2957, 0.5845
Android (android.graphics.Color)	4278250027 (0xFF00EA2B)
YUV	142.2600, -48.9352, -124.7620
Hunter-Lab	76.8245, -65.0665, 44.4360

Details

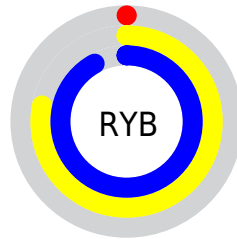
The HunterLab color **76.8245, -65.0665, 44.4360** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **46.1028, 87.1108, -33.4543**, and the grayscale version is **52.3273, -2.7921, 2.8430**.

A 20% lighter version of the original color is **87.2070, -60.2585, 43.5953**, and **55.7231, -47.7826, 33.4998** is the 20% darker color. If you saturate the color by 10%, you get **76.8261, -65.0676, 44.4364**, and if you desaturate by 10%, it is **77.0610, -63.8395, 42.8485**.

Distribution



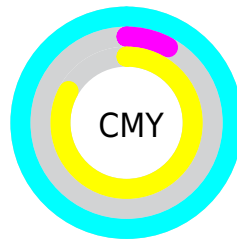
- Red (0%)
- Green (92%)
- Blue (17%)



- Red (0%)
- Yellow (78%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (82%)
- Black (8%)



- Cyan (100%)
- Magenta (8%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.8245, -65.0665, 44.4360 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 76.8245, -65.0665, 44.4360 by changing the saturation by 10% instead.

■ 76.8245, -65.0665,
44.4360

■ 76.8245, -65.0665,
44.4360

205.1792,
-104.0108, 81.1791

■ 65.2926, -59.9129,
39.6282

■ 101.6909,
-74.6949, 53.4862

■ 54.4021, -54.4664,
34.5998

■ 114.9677,
-79.2379, 57.7728

■ 44.1951, -48.6585,
29.3336

■ 128.7768,
-83.6349, 61.9260

■ 34.7208, -42.3945,
24.3046

■ 143.0983,
-87.9058, 65.9619

■ 26.0411, -35.5415,
18.2288

■ 157.9147,
-92.0665, 69.8941

■ 18.2367, -28.9712,
12.7657

■ 173.2097,

■ 11.4196, -19.9843,

-96.1304, 73.7346

7.9937

188.9690,
-100.1087, 77.4933

■ 3.7994, -6.6490,
2.6596

0.0000, NaN, NaN

■ 76.8245, -65.0665,
44.4360

■ 76.8245, -65.0665,
44.4360

■ 76.8261, -65.0676,
44.4364

■ 77.0610, -63.8395,
42.8485

■ 77.4886, -61.7061,
40.6801

■ 78.1561, -58.4820,
37.9299

■ 79.0876, -54.0958,
34.6060

■ 80.2994, -48.5278,
30.7342

■ 81.8009, -41.8016,
26.3558

■ 83.5958, -33.9762,
21.5238

■ 85.6829, -25.1371,
16.2991

■ 88.0570, -15.3873,
10.7459

Harmonies

Analogous

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



76.8261, -32.5598, 50.7578



76.8245, -65.0665, 44.4360



76.8261, -79.3543, 21.4134

Triad

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



76.8261, -65.0675, 44.4363



76.8261, -23.7661, -158.5806



76.8261, 115.6497, 28.1038

Complementary

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



76.8245, -65.0665, 44.4360



46.1028, 87.1108, -33.4543

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.



76.8261, 119.8428, -18.2838



76.8245, -65.0665, 44.4360



76.8261, 29.2121, -151.8785

Square

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



76.8261, -65.0675, 44.4363



76.8261, -60.1081, -105.0358



76.8261, 84.9670, -90.2711



76.8261, 74.6912, 46.5579

Rectangle

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



76.8245, -65.0665, 44.4360



76.8261, -80.0332, -10.2275



76.8261, 84.9670, -90.2711



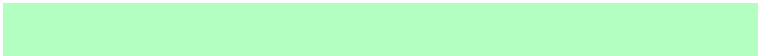
76.8261, 121.7373, 16.2480

Sweetspot

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



76.8261, -65.0675, 44.4363



92.1276, -37.5862, 23.8069



83.6288, -37.6311, 50.8728



42.2173, -19.1425, 12.0832

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.8261, -65.0675, 44.4363



84.6901, -71.7612, 49.0566



78.3471, -55.6329, 22.1685



41.1186, -6.9218, 4.8689



57.6016, -48.7032, 33.1394



16.1809, -13.3992, 8.7004

Inverse Universe

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



46.1028, 87.1108, -33.4543



50.8141, 95.9956, -36.7378



42.4134, 73.8029, 18.3451



39.0685, 2.8552, -0.5570



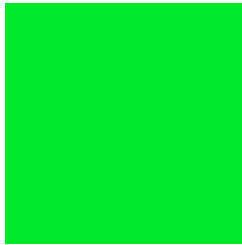
34.5844, 65.3885, -25.4160



9.7547, 18.5469, -7.9737

Previews

White Background



This preview shows how the HunterLab color 76.8245, -65.0665, 44.4360 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 76.8245, -65.0665, 44.4360 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

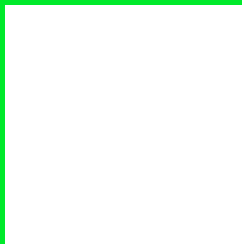
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 76.8245, -65.0665, 44.4360 Background



This preview shows how black text looks on a background with the HunterLab color 76.8245, -65.0665, 44.4360.



This preview shows how white text looks on a background with the HunterLab color 76.8245, -65.0665, 44.4360.

-65.0665, 44.4360.

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

76.8245, -65.0665, 44.4360

Protanopia

76.0896, -10.6373, 45.5206

Deuteranopia

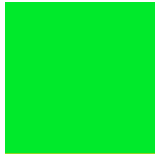
75.8502, 5.6185, 42.9277



Tritanopia

76.6422, -28.9892, -14.6710

Trichromacy



Original Color

76.8245, -65.0665, 44.4360



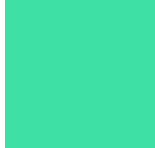
Protanomaly

73.1859, -41.5986, 42.9506



Deuteranomaly

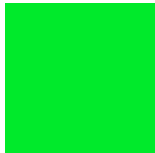
71.9784, -33.9380, 40.5701



Tritanomaly

75.5570, -48.2981, 17.4030

Monochromacy



Original Color

76.8245, -65.0665, 44.4360



Achromatopsia

52.0094, -2.7751, 2.8258



Achromatomaly

58.2016, -33.9266, 21.3789

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.8245, -65.0665, 44.4360 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(0, 234, 43)` looks like.

```
.text, #text, p{  
    color:rgb(0, 234, 43)  
}
```

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(0, 234, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 234, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 76.8245, -65.0665, 44.4360 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(0, 234, 43) }
```


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

```
.border{ border-color:rgb(0, 234, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 234, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 234, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 234, 43);  
box-shadow:4px 4px 4px 4px rgb(0, 234, 43)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 76.8245, -65.0665, 44.4360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 234, 43) }
```

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

```
.background{ background-color: rgb(0, 234,  
43) }
```

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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