

Converting Colors

HunterLab(76.7728, -65.5512,
46.1595)

Have a look what the booklet for
HunterLab(76.7728, -65.5512,
46.1595) contains.

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Color

**HunterLab(76.7667,
-65.5410, 46.1559)**

Conversions

Conversions Part 1

Format	Color
Hex	0DEA00
RGB	13, 234, 0
RGB Percent	5%, 92%, 0%
CMY	0.9490, 0.0823, 0.9999
CMYK	0.94, 0.00, 1.00, 0.08
HSL	117°, 100%, 46%
HSV	117°, 100%, 92%
XYZ	29.5888, 58.9313, 9.8154
YIQ	141.2450, -56.6020, -119.6260

Conversions

Conversions Part 2

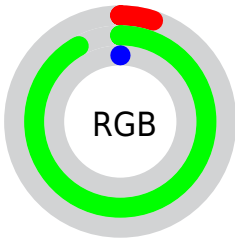
Format	Color
RYB	0, 234, 221
Decimal	911872
CIELab	81.26, -80.33, 78.00
CIELCh	81, 111.967, 135.842
Yxy	58.9337, 0.3009, 0.5993
Android (android.graphics.Color)	4279101952 (0xFF0DEA00)
YUV	141.2450, -69.6338, -112.4709
Hunter-Lab	76.7667, -65.5410, 46.1559

Details

The HunterLab color **76.7667, -65.5410, 46.1559** 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 **46.1727, 91.9344, -69.8994**, and the grayscale version is **51.9958, -2.7744, 2.8250**.

A 20% lighter version of the original color is **87.1422, -60.8874, 46.3490**, and **55.7231, -47.7826, 33.4998** is the 20% darker color. If you saturate the color by 10%, you get **76.7681, -65.5430, 46.1567**, and if you desaturate by 10%, it is **76.9875, -64.5230, 45.6679**.

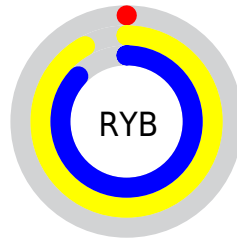
Distribution



Red (5%)

Green (92%)

Blue (0%)



Red (0%)

Yellow (92%)

Blue (87%)

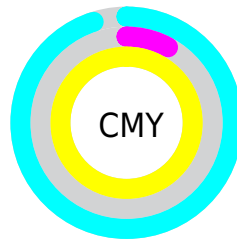


Cyan (94%)

Magenta (0%)

Yellow (100%)

Black (8%)



Cyan (95%)

Magenta (8%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.7667, -65.5410, 46.1559 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 76.7667, -65.5410, 46.1559 by changing the saturation by 10% instead.

■ 76.7667, -65.5410,
46.1559

■ 76.7667, -65.5410,
46.1559

■ 205.0991,
-104.8501, 85.8124

■ 65.2378, -60.3347,
40.9646

■ 101.6274,
-75.2653, 55.9400

■ 54.3506, -54.8312,
35.5484

■ 114.9016,
-79.8521, 60.5740

■ 44.1470, -48.9616,
29.9292

■ 128.7081,
-84.2909, 65.0615

■ 34.6765, -42.6299,
24.2735

■ 143.0272,
-88.6015, 69.4191

■ 26.0008, -35.7024,
18.2006

■ 157.8412,
-92.8002, 73.6613

■ 18.2009, -29.1488,
12.7406

■ 173.1340,

■ 11.3890, -19.9308,

-96.9006, 77.8005

7.9723

188.8910,
-100.9141, 81.8478

■ 3.7276, -6.5234,
2.6093

0.0000, NaN, NaN

■ 76.7667, -65.5410,
46.1559

■ 76.7667, -65.5410,
46.1559

■ 76.7681, -65.5430,
46.1567

■ 76.9875, -64.5230,
45.6679

■ 77.4131, -62.5335,
44.5607

■ 78.0825, -59.4055,
42.6450

■ 79.0192, -55.0612,
39.8463

■ 80.2386, -49.4767,
36.1331

■ 81.7500, -42.6737,
31.5106

■ 83.5565, -34.7112,
26.0133

■ 85.6568, -25.6765,
19.6986

■ 88.0452, -15.6759,
12.6394

Harmonies

Analogous

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



76.7683, -30.5633, 51.4711



76.7667, -65.5410, 46.1559



76.7683, -81.3485, 24.7114

Triad

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



76.7683, -65.5420, 46.1561



76.7683, -27.9956, -167.8603



76.7683, 124.3061, 26.6403

Complementary

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



76.7667, -65.5410, 46.1559



46.1727, 91.9344, -69.8994

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.



76.7683, 125.5625, -24.2860



76.7667, -65.5410, 46.1559



76.7683, 26.5174, -165.8166

Square

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



76.7683, -65.5420, 46.1561



76.7683, -64.1148, -106.6139



76.7683, 86.0357, -102.1420



76.7683, 82.9699, 46.7312

Rectangle

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



76.7667, -65.5410, 46.1559



76.7683, -82.7785, -6.6290



76.7683, 86.0357, -102.1420



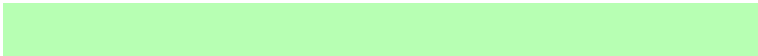
76.7683, 129.7502, 13.6127

Sweetspot

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



76.7683, -65.5420, 46.1561



92.0814, -38.4104, 28.7778



82.3692, -16.0503, 50.4739



42.1934, -19.5567, 14.5516

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.7683, -65.5420, 46.1561



84.6253, -72.2794, 50.8803



77.3279, -61.9322, 37.0421



41.1120, -7.0554, 5.7134



57.5611, -49.0695, 34.6099



16.1734, -13.5643, 9.7285

Inverse Universe

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



46.1727, 91.9344, -69.8994



50.8893, 101.3367, -77.0936



43.7912, 78.8326, -1.4920



39.0753, 3.0065, -1.5460



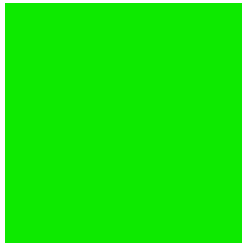
34.6379, 68.9557, -52.3243



9.7731, 19.4188, -14.4762

Previews

White Background



This preview shows how the HunterLab color 76.7667, -65.5410, 46.1559 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 76.7667, -65.5410, 46.1559 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 76.7667, -65.5410, 46.1559 Background



This preview shows how black text looks on a background with the HunterLab color 76.7667, -65.5410, 46.1559.



This preview shows how white text looks on a background with the HunterLab color 76.7667, -65.5410, 46.1559.

-65.5410, 46.1559.

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

76.7667, -65.5410, 46.1559

Protanopia

75.8138, -10.1995, 46.5375

Deuteranopia

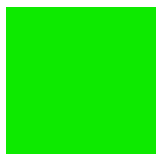
75.8783, 5.5246, 44.4053



Tritanopia

76.6770, -28.9327, -14.0333

Trichromacy



Original Color

76.7667, -65.5410, 46.1559



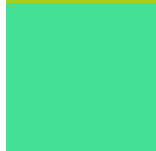
Protanomaly

73.1276, -40.2512, 44.3562



Deuteranomaly

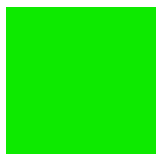
72.2076, -33.3112, 42.7888



Tritanomaly

75.3275, -49.9644, 22.8307

Monochromacy



Original Color

76.7667, -65.5410, 46.1559



Achromatopsia

51.6097, -2.7538, 2.8041



Achromatomaly

58.1187, -34.7793, 25.3358

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.7667, -65.5410, 46.1559 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(13, 234, 0)` looks like.

```
.text, #text, p{  
    color:rgb(13, 234, 0)  
}
```

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(13, 234, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 234, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 76.7667, -65.5410, 46.1559 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(13, 234, 0) }
```


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

```
.border{ border-color:rgb(13, 234, 0) }
```

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

Here you see how a box with a 4 pixel rgb(13, 234, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 234, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 234, 0);  
box-shadow:4px 4px 4px 4px rgb(13, 234, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 76.7667, -65.5410, 46.1559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 234, 0) }
```

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

```
.background{ background-color: rgb(13, 234,  
0) }
```

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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