

Converting Colors

HunterLab(77.6556, -61.4613,
35.6176)

Have a look what the booklet for
HunterLab(77.6556, -61.4613,
35.6176) contains.

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Color

**HunterLab(77.8090,
-61.5559, 35.6271)**

Conversions

Conversions Part 1

Format	Color
Hex	00EB6E
RGB	0, 235, 110
RGB Percent	0%, 92%, 43%
CMY	0.9999, 0.0784, 0.5686
CMYK	1.00, 0.00, 0.53, 0.08
HSL	148°, 100%, 46%
HSV	148°, 100%, 92%
XYZ	32.5228, 60.5424, 24.7236
YIQ	150.4850, -99.9350, -88.6950

Conversions

Conversions Part 2

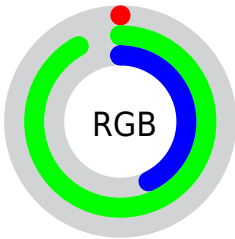
Format	Color
RYB	0, 160, 235
Decimal	60270
CIELab	82.13, -73.26, 47.18
CIELCh	82, 87.140, 147.221
Yxy	60.5449, 0.2761, 0.5140
Android (android.graphics.Color)	4278250350 (0xFF00EB6E)
YUV	150.4850, -19.9591, -131.9753
Hunter-Lab	77.8090, -61.5559, 35.6271

Details

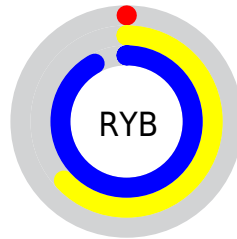
The HunterLab color **77.8090, -61.5559, 35.6271** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **43.7540, 78.3132, 2.0345**, and the grayscale version is **55.5315, -2.9630, 3.0171**.

A 20% lighter version of the original color is **88.0794, -54.8034, 29.6726**, and **56.3469, -46.3820, 29.6967** is the 20% darker color. If you saturate the color by 10%, you get **77.8104, -61.5576, 35.6289**, and if you desaturate by 10%, it is **78.1184, -59.8884, 32.9886**.

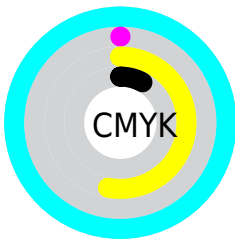
Distribution



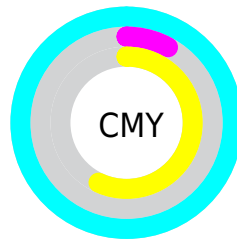
- Red (0%)
- Green (92%)
- Blue (43%)



- Red (0%)
- Yellow (63%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (8%)



- Cyan (100%)
- Magenta (8%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.8090, -61.5559, 35.6271 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 77.8090, -61.5559, 35.6271 by changing the saturation by 10% instead.

■ 77.8090, -61.5559,
35.6271

■ 77.8090, -61.5559,
35.6271

206.5438,
-97.6873, 61.3715

■ 66.2253, -56.8131,
32.3421

■ 102.7714,
-70.4419, 41.8430

■ 55.2801, -51.8109,
28.9051

■ 116.0932,
-74.6457, 44.8104

■ 45.0146, -46.4882,
25.2838

■ 129.9455,
-78.7212, 47.7032

■ 35.4774, -40.7589,
21.4379

■ 144.3088,
-82.6858, 50.5322

■ 26.7291, -34.5011,
17.4349

■ 159.1654,
-86.5538, 53.3067

■ 18.8483, -27.8664,
13.1938

174.4995,

■ 11.9439, -20.9019,

-90.3370, 56.0340

8.3608

190.2967,
-94.0454, 58.7205

■ 4.8599, -8.5048,
3.4019

0.0000, NaN, NaN

■ 77.8090, -61.5559,
35.6271

■ 77.8090, -61.5559,
35.6271

■ 77.8104, -61.5576,
35.6289

■ 78.1184, -59.8884,
32.9886

■ 78.5958, -57.4725,
30.1315

■ 79.2860, -54.1479,
27.1097

■ 80.2108, -49.8561,
23.9672

■ 81.3847, -44.5802,
20.7483

■ 82.8167, -38.3372,
17.4971

■ 84.5110, -31.1714,
14.2557

■ 86.4673, -23.1485,
11.0627

■ 88.6823, -14.3482,
7.9516

Harmonies

Analogous

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



77.8106, -38.0695, 46.4690



77.8090, -61.5559, 35.6271



77.8106, -70.0297, 7.9057

Triad

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



77.8106, -61.5568, 35.6275



77.8106, -8.0728, -120.0024



77.8106, 82.4992, 32.0301

Complementary

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



77.8090, -61.5559, 35.6271



43.7540, 78.3132, 2.0345

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.



77.8106, 95.2548, 0.3772



77.8090, -61.5559, 35.6271



77.8106, 36.7912, -101.2161

Square

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



77.8106, -61.5568, 35.6275



77.8106, -43.5846, -93.3523



77.8106, 77.0074, -50.5901



77.8106, 45.1262, 45.3116

Rectangle

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



77.8090, -61.5559, 35.6271



77.8106, -67.7575, -22.4234



77.8106, 77.0074, -50.5901



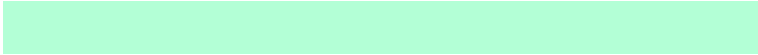
77.8106, 90.1153, 23.8874

Sweetspot

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



77.8106, -61.5568, 35.6275



92.6903, -34.3143, 15.6892



79.8778, -54.3842, 48.2680



42.5031, -17.4683, 7.9535

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.8106, -61.5568, 35.6275



85.3583, -67.5884, 39.2135



80.6068, -44.5152, -4.6552



41.2062, -6.4321, 3.6145



58.0688, -45.7869, 26.2597



16.3313, -12.4637, 6.4928

Inverse Universe

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



43.7540, 78.3132, 2.0345



47.9870, 85.8623, 2.4570



42.0480, 72.0476, 26.8534



38.9718, 2.3367, 0.8184



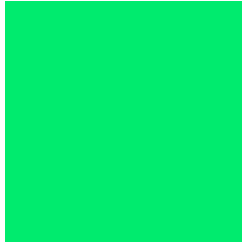
32.6803, 58.5675, 0.9508



9.2631, 16.7938, -1.2263

Previews

White Background



This preview shows how the HunterLab color 77.8090, -61.5559, 35.6271 looks on a white background.

Color Contrast Check

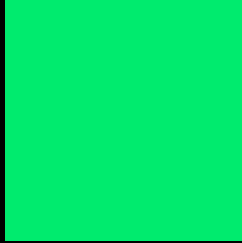
Large Text (above 18pt) WCAG AA × Fail

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 77.8090, -61.5559, 35.6271 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 77.8090, -61.5559, 35.6271 Background



This preview shows how black text looks on a background with the HunterLab color 77.8090, -61.5559, 35.6271.



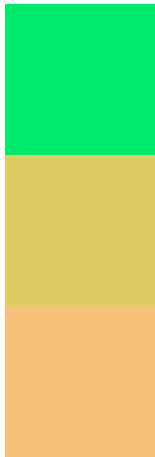
This preview shows how white text looks on a background with the HunterLab color 77.8090,

-61.5559, 35.6271.

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

77.8090, -61.5559, 35.6271

Protanopia

77.1103, -9.1335, 38.2788

Deuteranopia

76.8851, 5.9737, 33.5314



Tritanopia

77.5687, -30.4641, -15.1541

Trichromacy



Original Color

77.8090, -61.5559, 35.6271



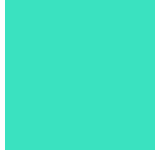
Protanomaly

74.4445, -38.9799, 34.9701



Deuteranomaly

73.1876, -31.3222, 30.9156



Tritanomaly

76.8752, -45.2397, 8.1166

Monochromacy



Original Color

77.8090, -61.5559, 35.6271



Achromatopsia

55.2257, -2.9467, 3.0005



Achromatomaly

61.0163, -31.8393, 14.7674

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.8090, -61.5559, 35.6271 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, 235, 110)` looks like.

```
.text, #text, p{  
    color:rgb(0, 235, 110)  
}
```

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, 235, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 235, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 77.8090, -61.5559, 35.6271 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, 235, 110) }
```


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

```
.border{ border-color:rgb(0, 235, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 235, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 235, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 235, 110);  
box-shadow:4px 4px 4px 4px rgb(0, 235,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.8090, -61.5559, 35.6271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 235, 110) }
```

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

```
.background{ background-color: rgb(0, 235,  
110) }
```

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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