

Converting Colors

HunterLab(77.4715, -62.6050,
38.3136)

Have a look what the booklet for
HunterLab(77.4715, -62.6050,
38.3136) contains.

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Color

**HunterLab(77.6163,
-62.7557, 38.4580)**

Conversions

Conversions Part 1

Format	Color
Hex	00EB5F
RGB	0, 235, 95
RGB Percent	0%, 92%, 37%
CMY	1.0000, 0.0784, 0.6274
CMYK	1.00, 0.00, 0.60, 0.08
HSL	144°, 100%, 46%
HSV	144°, 100%, 92%
XYZ	31.7739, 60.2429, 20.7798
YIQ	148.7750, -95.1200, -93.3600

Conversions

Conversions Part 2

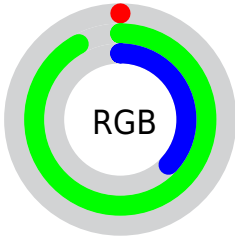
Format	Color
RYB	0, 167, 235
Decimal	60255
CIELab	81.97, -75.27, 53.77
CIELCh	82, 92.501, 144.462
Yxy	60.2454, 0.2817, 0.5341
Android (android.graphics.Color)	4278250335 (0xFF00EB5F)
YUV	148.7750, -26.5111, -130.4757
Hunter-Lab	77.6163, -62.7557, 38.4580

Details

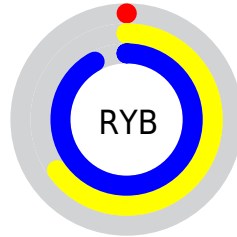
The HunterLab color **77.6163, -62.7557, 38.4580** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **44.2231, 80.0143, -4.6187**, and the grayscale version is **54.8646, -2.9274, 2.9809**.

A 20% lighter version of the original color is **87.7892, -56.5616, 33.9018**, and **56.2116, -47.2285, 31.6931** is the 20% darker color. If you saturate the color by 10%, you get **77.6178, -62.7572, 38.4594**, and if you desaturate by 10%, it is **77.9176, -61.1341, 35.9320**.

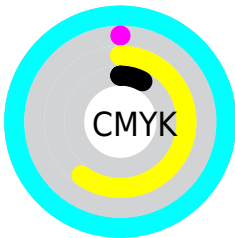
Distribution



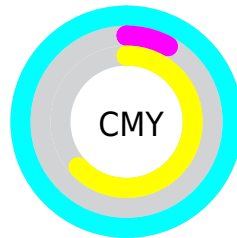
- Red (0%)
- Green (92%)
- Blue (37%)



- Red (0%)
- Yellow (65%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (60%)
- Black (8%)





- Cyan (100%)
- Magenta (8%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.6163, -62.7557, 38.4580 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 77.6163, -62.7557, 38.4580 by changing the saturation by 10% instead.


 77.6163, -62.7557,
38.4580


 77.6163, -62.7557,
38.4580


206.2769,
-99.7741, 67.1167


 66.0427, -57.8845,
34.7616


 102.5600,
-71.8746, 45.4311

 55.1081, -52.7437,
30.8890


 115.8730,
-76.1852, 48.7486

 44.8541, -47.2702,
26.8073


 129.7169,
-80.3620, 51.9750

 35.3292, -41.3753,
22.4802

 144.0720,
-84.4233, 55.1230

 26.5942, -34.9338,
18.4043

 158.9207,
-88.3838, 58.2030

 18.7283, -28.2529,
13.1098

174.2472,

 11.8409, -20.7215,

-92.2558, 61.2239

8.2886

190.0370,
-96.0496, 64.1930

■ 4.6717, -8.1754,
3.2702

0.0000, NaN, NaN

■ 77.6163, -62.7557,
38.4580

■ 77.6163, -62.7557,
38.4580

■ 77.6178, -62.7572,
38.4594

■ 77.9176, -61.1341,
35.9320

■ 78.3925, -58.7263,
33.1030

■ 79.0864, -55.3693,
30.0189

■ 80.0212, -51.0042,
26.7207

■ 81.2117, -45.6150,
23.2528

■ 82.6667, -39.2215,
19.6615

■ 84.3901, -31.8723,
15.9932

■ 86.3815, -23.6376,
12.2924

■ 88.6369, -14.6023,
8.5996

Harmonies

Analogous

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



77.6179, -36.8271, 48.0109



77.6163, -62.7557, 38.4580



77.6179, -72.8633, 11.7567

Triad

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



77.6179, -62.7566, 38.4584



77.6179, -12.3215, -130.4827



77.6179, 91.3708, 31.1669

Complementary

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



77.6163, -62.7557, 38.4580



44.2231, 80.0143, -4.6187

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.



77.6179, 102.1293, -4.1465



77.6163, -62.7557, 38.4580



77.6179, 35.0364, -114.2595

Square

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



77.6179, -62.7566, 38.4584



77.6179, -48.3116, -97.0434



77.6179, 79.5680, -60.4677



77.6179, 52.8281, 45.7947

Rectangle

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



77.6163, -62.7557, 38.4580



77.6179, -71.4227, -19.2729



77.6179, 79.5680, -60.4677



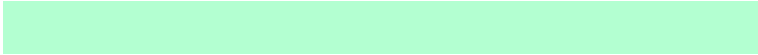
77.6179, 98.6774, 22.0997

Sweetspot

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



77.6179, -62.7566, 38.4584



92.5574, -35.0852, 17.6020



80.6736, -51.1359, 48.8153



42.4350, -17.8662, 8.9352

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.6179, -62.7566, 38.4584



85.1475, -68.9013, 42.3113



80.0922, -47.6022, 2.6516



41.1863, -6.5435, 3.8998



57.9238, -46.6895, 28.3896



16.2887, -12.7276, 7.1158

Inverse Universe

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



44.2231, 80.0143, -4.6187



48.5019, 87.7294, -4.8482



42.1035, 72.2539, 26.0293



38.9932, 2.4517, 0.5134



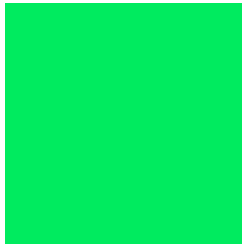
33.0297, 59.8334, -3.9981



9.3575, 17.1338, -2.5485

Previews

White Background



This preview shows how the HunterLab color 77.6163, -62.7557, 38.4580 looks on a white background.

Color Contrast Check

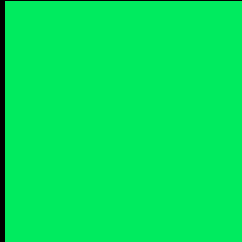
Large Text (above 18pt) WCAG AA × Fail

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 77.6163, -62.7557, 38.4580 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 77.6163, -62.7557, 38.4580 Background



This preview shows how black text looks on a background with the HunterLab color 77.6163, -62.7557, 38.4580.



This preview shows how white text looks on a background with the HunterLab color 77.6163, -62.7557, 38.4580.

-62.7557, 38.4580.

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

77.6163, -62.7557, 38.4580

Protanopia

76.7493, -9.1587, 40.4929

Deuteranopia

76.5081, 5.7721, 36.4655



Tritanopia

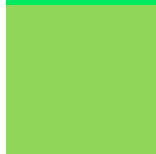
77.2571, -29.9812, -14.9966

Trichromacy



Original Color

77.6163, -62.7557, 38.4580



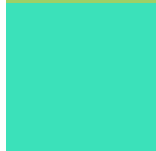
Protanomaly

73.9284, -39.6098, 37.2811



Deuteranomaly

72.9788, -32.5457, 33.9744



Tritanomaly

76.3711, -45.7872, 10.1935

Monochromacy



Original Color

77.6163, -62.7557, 38.4580



Achromatopsia

54.8219, -2.9252, 2.9786



Achromatomaly

60.5478, -32.2477, 16.4073

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.6163, -62.7557, 38.4580 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, 95)` looks like.

```
.text, #text, p{  
    color:rgb(0, 235, 95)  
}
```

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, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 235, 95) }
```

Border

The CSS property to change the border of an element to HunterLab 77.6163, -62.7557, 38.4580 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, 95) }
```


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

```
.border{ border-color:rgb(0, 235, 95) }
```

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, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 235, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 235, 95);  
box-shadow:4px 4px 4px 4px rgb(0, 235, 95)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 77.6163, -62.7557, 38.4580 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, 95) }
```

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

```
.background{ background-color: rgb(0, 235,  
95) }
```

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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