

Converting Colors

HunterLab(77.9359, -61.5893,
39.8726)

Have a look what the booklet for
HunterLab(77.9359, -61.5893,
39.8726) contains.

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Color

**HunterLab(77.9266,
-61.6011, 39.9151)**

Conversions

Conversions Part 1

Format	Color
Hex	2FEB58
RGB	47, 235, 88
RGB Percent	18%, 92%, 35%
CMY	0.8157, 0.0784, 0.6549
CMYK	0.80, 0.00, 0.63, 0.08
HSL	133°, 82%, 55%
HSV	133°, 80%, 92%
XYZ	32.6421, 60.7255, 19.2333
YIQ	162.0300, -64.8610, -85.5730

Conversions

Conversions Part 2

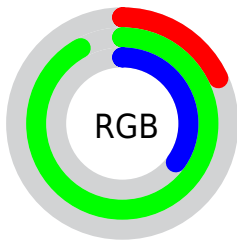
Format	Color
RYB	47, 201, 235
Decimal	3140440
CIELab	82.23, -73.26, 57.15
CIELCh	82, 92.915, 142.046
Yxy	60.7281, 0.2899, 0.5393
Android (android.graphics.Color)	4281330520 (0xFF2FEB58)
YUV	162.0300, -36.4968, -100.8813
Hunter-Lab	77.9266, -61.6011, 39.9151

Details

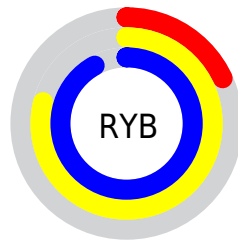
The HunterLab color **77.9266, -61.6011, 39.9151** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **48.5707, 80.4399, -30.9669**, and the grayscale version is **60.2865, -3.2167, 3.2755**.

A 20% lighter version of the original color is **88.2401, -54.9438, 35.9504**, and **56.5106, -47.8657, 32.6949** is the 20% darker color. If you saturate the color by 10%, you get **77.4885, -63.8067, 42.2443**, and if you desaturate by 10%, it is **78.6056, -58.3237, 37.0521**.

Distribution



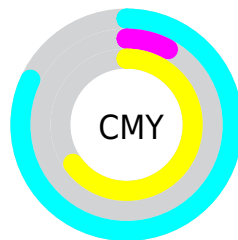
- Red (18%)
- Green (92%)
- Blue (35%)



- Red (18%)
- Yellow (79%)
- Blue (92%)



- Cyan (80%)
- Magenta (0%)
- Yellow (63%)
- Black (8%)



- Cyan (82%)
- Magenta (8%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.9266, -61.6011, 39.9151 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 77.9266, -61.6011, 39.9151 by changing the saturation by 10% instead.

■ 77.9266, -61.6011,
39.9151

■ 77.9266, -61.6011,
39.9151

206.7066,
-97.7223, 70.0591

■ 66.3368, -56.8608,
36.0131

■ 102.9005,
-70.4836, 47.2703

■ 55.3850, -51.8615,
31.9249

■ 116.2276,
-74.6861, 50.7656

■ 45.1126, -46.5423,
27.6185

■ 130.0851,
-78.7603, 54.1621

■ 35.5680, -40.8177,
23.0615

■ 144.4533,
-82.7239, 57.4730

■ 26.8115, -34.5658,
18.7680

■ 159.3147,
-86.5909, 60.7095

■ 18.9217, -27.9163,
13.2452

174.6535,

■ 12.0070, -21.0122,

-90.3733, 63.8809

8.4049

190.4552,
-94.0810, 66.9951

■ 4.9712, -8.6997,
3.4799

0.0000, NaN, NaN

■ 77.9266, -61.6011,
39.9151

■ 77.9266, -61.6011,
39.9151

■ 77.4885, -63.8067,
42.2443

■ 78.6056, -58.3237,
37.0521


■ 77.2401, -65.1182,
44.0282


■ 79.5445, -53.9031,
33.6708


■ 77.2401, -65.1183,
44.0283


■ 80.7607, -48.3221,
29.8027


■ 82.2637, -41.6046,
25.4919

 84.0569, -33.8086,
20.7916

 86.1394, -25.0178,
15.7612

 88.5060, -15.3329,
10.4615

 91.1485, -4.8629,
4.9520

 93.6990, 5.0790,
-1.1777

Harmonies

Analogous

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



77.9282, -34.2148, 48.5763



77.9266, -61.6011, 39.9151



77.9282, -72.9864, 14.8518

Triad

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



77.9282, -61.6021, 39.9155



77.9282, -15.8449, -130.3811



77.9282, 94.0341, 29.3593

Complementary

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



77.9266, -61.6011, 39.9151



48.5707, 80.4399, -30.9669

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.



77.9282, 102.1302, -8.1079



77.9266, -61.6011, 39.9151



77.9282, 31.2720, -118.1399

Square

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



77.9282, -61.6021, 39.9155



77.9282, -50.7940, -93.3572



77.9282, 77.0278, -65.7958



77.9282, 56.9193, 45.3588

Rectangle

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



77.9266, -61.6011, 39.9151



77.9282, -72.3231, -15.0910



77.9282, 77.0278, -65.7958



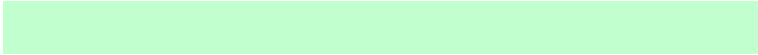
77.9282, 100.5348, 19.6182

Sweetspot

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



77.9282, -61.6021, 39.9155



93.5281, -31.5336, 19.5980



84.3382, -36.3918, 49.4410



42.8968, -16.1709, 9.9762

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.9282, -61.6021, 39.9155



84.8241, -70.9989, 47.6775



79.6178, -51.2261, 15.3127



41.1290, -6.8636, 4.7197



57.6349, -48.4945, 32.6471



16.1938, -13.3182, 8.5093

Inverse Universe

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



48.5707, 80.4399, -30.9669



50.7220, 94.1116, -32.1312



45.4108, 68.2981, 13.3467



39.0567, 2.7917, -0.3887



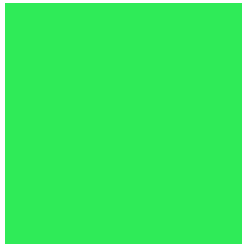
34.3070, 64.4062, -21.6637



9.6857, 18.3033, -7.0462

Previews

White Background



This preview shows how the HunterLab color 77.9266, -61.6011, 39.9151 looks on a white background.

Color Contrast Check

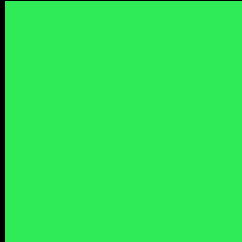
Large Text (above 18pt) WCAG AA × Fail

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 77.9266, -61.6011, 39.9151 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

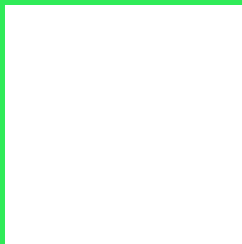
Any Text WCAG AAA ✓ Pass

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

HunterLab 77.9266, -61.6011, 39.9151 Background



This preview shows how black text looks on a background with the HunterLab color 77.9266, -61.6011, 39.9151.



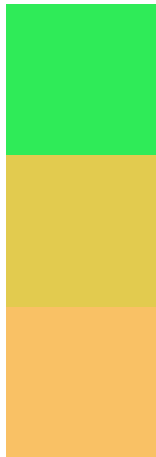
This preview shows how white text looks on a background with the HunterLab color 77.9266, -61.6011, 39.9151.

-61.6011, 39.9151.

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

77.9266, -61.6011, 39.9151

Protanopia

77.1007, -9.6039, 41.6526

Deuteranopia

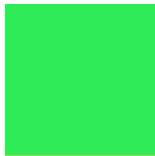
76.9540, 5.6314, 38.0315



Tritanopia

77.6164, -28.6148, -14.4640

Trichromacy



Original Color

77.9266, -61.6011, 39.9151



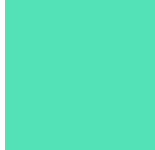
Protanomaly

75.3572, -35.8915, 39.5258



Deuteranomaly

74.2875, -27.7108, 36.4583



Tritanomaly

76.8819, -43.9032, 12.0569

Monochromacy



Original Color

77.9266, -61.6011, 39.9151



Achromatopsia

60.1088, -3.2073, 3.2658



Achromatomaly

64.9134, -30.2337, 18.5341

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.9266, -61.6011, 39.9151 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(47, 235, 88)` looks like.

```
.text, #text, p{  
  color:rgb(47, 235, 88)  
}
```

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(47, 235, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 235, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 77.9266, -61.6011, 39.9151 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(47, 235, 88) }
```


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

```
.border{ border-color:rgb(47, 235, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 235, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 235, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 235, 88);  
box-shadow:4px 4px 4px 4px rgb(47, 235,  
88) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.9266, -61.6011, 39.9151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 235, 88) }
```

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

```
.background{ background-color: rgb(47, 235,  
88) }
```

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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