

Converting Colors

HunterLab(77.1047, -59.3267,
31.2016)

Have a look what the booklet for
HunterLab(77.1047, -59.3267,
31.2016) contains.

HunterLab(77.3202, -59.3470, 31.4696)	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(77.3202,
-59.3470, 31.4696)**

Conversions

Conversions Part 1

Format	Color
Hex	00E97E
RGB	0, 233, 126
RGB Percent	0%, 91%, 49%
CMY	0.9999, 0.0863, 0.5059
CMYK	1.00, 0.00, 0.46, 0.09
HSL	152°, 100%, 46%
HSV	152°, 100%, 91%
XYZ	32.9048, 59.7841, 29.5438
YIQ	151.1350, -104.5210, -82.6730

Conversions

Conversions Part 2

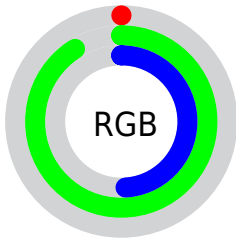
Format	Color
RYB	0, 151, 233
Decimal	59774
CIELab	81.72, -70.13, 39.01
CIELCh	82, 80.245, 150.917
Yxy	59.7865, 0.2692, 0.4891
Android (android.graphics.Color)	4278249854 (0xFF00E97E)
YUV	151.1350, -12.3916, -132.5454
Hunter-Lab	77.3202, -59.3470, 31.4696

Details

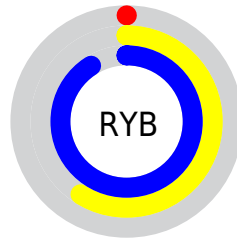
The HunterLab color **77.3202, -59.3470, 31.4696** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **42.8795, 75.9068, 8.5112**, and the grayscale version is **55.7664, -2.9756, 3.0299**.

A 20% lighter version of the original color is **88.3913, -52.8478, 24.5774**, and **56.1771, -44.9436, 26.8038** is the 20% darker color. If you saturate the color by 10%, you get **77.3216, -59.3488, 31.4718**, and if you desaturate by 10%, it is **77.6296, -57.6850, 28.8345**.

Distribution



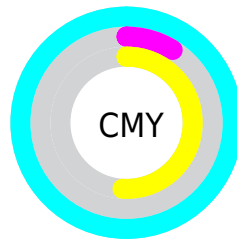
- Red (0%)
- Green (91%)
- Blue (49%)



- Red (0%)
- Yellow (59%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (9%)



- Cyan (100%)
- Magenta (9%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.3202, -59.3470, 31.4696 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 77.3202, -59.3470, 31.4696 by changing the saturation by 10% instead.

77.3202, -59.3470,
31.4696

77.3202, -59.3470,
31.4696

205.8666,
-94.1642, 53.6971

65.7622, -54.7889,
28.6830

102.2350,
-67.8936, 36.7713

54.8440, -49.9838,
25.7764

115.5345,
-71.9404, 39.3166

44.6075, -44.8725,
22.7206

129.3654,
-75.8658, 41.8071

35.1015, -39.3713,
19.4763

143.7080,
-79.6867, 44.2517

26.3871, -33.3606,
15.9927

158.5446,
-83.4165, 46.6575

18.5441, -26.9296,
12.9809

173.8594,

11.6829, -20.4451,

-87.0667, 49.0305

8.1780

189.6378,
-90.6466, 51.3756

■ 4.3662, -7.6409,
3.0564

0.0000, NaN, NaN

■ 77.3202, -59.3470,
31.4696

■ 77.3202, -59.3470,
31.4696

■ 77.3216, -59.3488,
31.4718

■ 77.6296, -57.6850,
28.8345

■ 78.0990, -55.3235,
26.0734

■ 78.7726, -52.1051,
23.2441

■ 79.6717, -47.9718,
20.3909

■ 80.8108, -42.9046,
17.5563

■ 82.1988, -36.9167,
14.7801

■ 83.8402, -30.0476,
12.0983

■ 85.7353, -22.3566,
9.5421

■ 87.8812, -13.9171,
7.1372

Harmonies

Analogous

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



77.3218, -39.0035, 43.8002



77.3202, -59.3470, 31.4696



77.3218, -65.7216, 3.0590

Triad

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



77.3218, -59.3478, 31.4701



77.3218, -2.9266, -106.4526



77.3218, 71.2770, 32.6174

Complementary

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



77.3202, -59.3470, 31.4696



42.8795, 75.9068, 8.5112

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.



77.3218, 86.0209, 5.3412



77.3202, -59.3470, 31.4696



77.3218, 38.2848, -85.3845

Square

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



77.3218, -59.3478, 31.4701



77.3218, -37.3027, -87.6608



77.3218, 72.9049, -39.1039



77.3218, 35.7925, 44.1942

Rectangle

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



77.3202, -59.3470, 31.4696



77.3218, -62.4398, -25.8283



77.3218, 72.9049, -39.1039



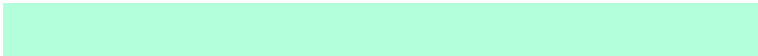
77.3218, 79.1055, 25.5871

Sweetspot

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



77.3218, -59.3478, 31.4701



92.8464, -33.4107, 13.4471



78.4315, -56.6546, 47.3370



42.5835, -16.9995, 6.7970

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.3218, -59.3478, 31.4701



85.6457, -65.8056, 35.0059



77.3709, -39.1983, -12.0883



41.2291, -6.3043, 3.2870



58.2650, -44.5704, 23.3885



16.3864, -12.1233, 5.6892

Inverse Universe

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



42.8795, 75.9068, 8.5112



47.4836, 84.0274, 9.6736



41.8249, 70.5885, 27.0075



38.9476, 2.2068, 1.1630



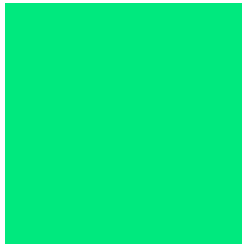
32.3367, 57.3160, 5.8693



9.1669, 16.4452, 0.1358

Previews

White Background



This preview shows how the HunterLab color 77.3202, -59.3470, 31.4696 looks on a white background.

Color Contrast Check

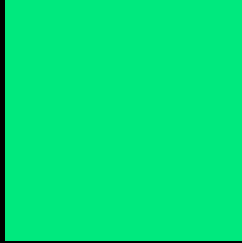
Large Text (above 18pt) WCAG AA × Fail

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 77.3202, -59.3470, 31.4696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

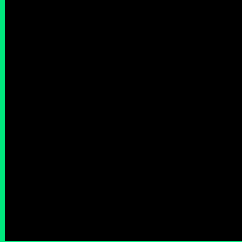
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

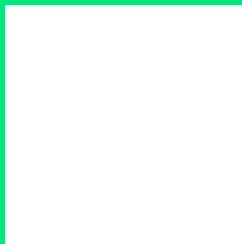
Any Text WCAG AAA ✓ Pass

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

HunterLab 77.3202, -59.3470, 31.4696 Background



This preview shows how black text looks on a background with the HunterLab color 77.3202, -59.3470, 31.4696.



This preview shows how white text looks on a background with the HunterLab color 77.3202,

-59.3470, 31.4696.

Color Blindness Simulation

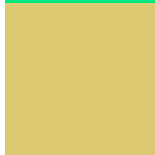
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

77.3202, -59.3470, 31.4696



Protanopia

76.3939, -8.1157, 34.5762



Deuteranopia

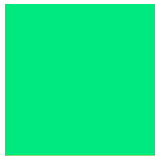
76.5626, 5.4104, 29.2345



Tritanopia

77.0621, -30.7258, -15.2869

Trichromacy



Original Color

77.3202, -59.3470, 31.4696



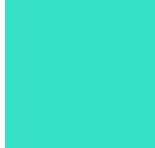
Protanomaly

73.8642, -37.3139, 31.1038



Deuteranomaly

73.1779, -30.8381, 26.8651



Tritanomaly

76.6119, -44.1852, 5.5544

Monochromacy



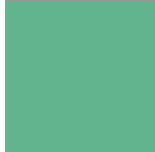
Original Color

77.3202, -59.3470, 31.4696



Achromatopsia

55.6299, -2.9683, 3.0225



Achromatomaly

61.2271, -30.6764, 12.4092

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.3202, -59.3470, 31.4696 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, 233, 126)` looks like.

```
.text, #text, p{  
    color:rgb(0, 233, 126)  
}
```

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, 233, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 233, 126) }
```

Border

The CSS property to change the border of an element to HunterLab 77.3202, -59.3470, 31.4696 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, 233, 126) }
```


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

```
.border{ border-color:rgb(0, 233, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 233, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 233, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 233, 126);  
box-shadow:4px 4px 4px 4px rgb(0, 233,  
126) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.3202, -59.3470, 31.4696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 233, 126) }
```

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

```
.background{ background-color: rgb(0, 233,  
126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor