

Converting Colors

HunterLab(75.9805, -58.5045,
31.3309)

Have a look what the booklet for
HunterLab(75.9805, -58.5045,
31.3309) contains.

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Color

**HunterLab(76.1569,
-58.7177, 31.5651)**

Conversions

Conversions Part 1

Format	Color
Hex	00E67A
RGB	0, 230, 122
RGB Percent	0%, 90%, 48%
CMY	0.9999, 0.0980, 0.5216
CMYK	1.00, 0.00, 0.47, 0.10
HSL	152°, 100%, 45%
HSV	152°, 100%, 90%
XYZ	31.8096, 57.9987, 27.9307
YIQ	148.9180, -102.4120, -82.3480

Conversions

Conversions Part 2

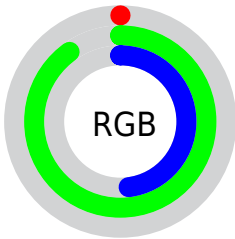
Format	Color
RYB	0, 150, 230
Decimal	59002
CIELab	80.74, -69.83, 39.71
CIELCh	81, 80.333, 150.373
Yxy	58.0011, 0.2702, 0.4926
Android (android.graphics.Color)	4278249082 (0xFF00E67A)
YUV	148.9180, -13.2706, -130.6011
Hunter-Lab	76.1569, -58.7177, 31.5651

Details

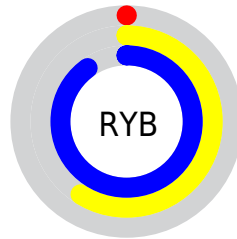
The HunterLab color **76.1569, -58.7177, 31.5651** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **42.3166, 75.0259, 7.5051**, and the grayscale version is **54.8730, -2.9279, 2.9814**.

A 20% lighter version of the original color is **88.2643, -53.5415, 25.8597**, and **55.0836, -44.2858, 26.7505** is the 20% darker color. If you saturate the color by 10%, you get **76.1583, -58.7194, 31.5670**, and if you desaturate by 10%, it is **76.4631, -57.0730, 28.9657**.

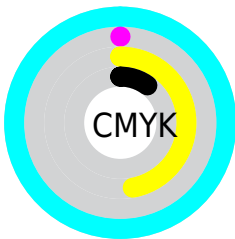
Distribution



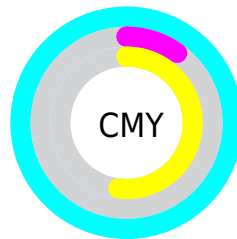
- Red (0%)
- Green (90%)
- Blue (48%)



- Red (0%)
- Yellow (59%)
- Blue (90%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (10%)



- Cyan (100%)
- Magenta (10%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.1569, -58.7177, 31.5651 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 76.1569, -58.7177, 31.5651 by changing the saturation by 10% instead.

■ 76.1569, -58.7177,
31.5651

■ 76.1569, -58.7177,
31.5651

204.2523,
-93.5018, 54.1388

■ 64.6603, -54.1561,
28.7243

■ 100.9576,
-67.2642, 36.9620

■ 53.8072, -49.3437,
25.7579

■ 114.2038,
-71.3085, 39.5498

■ 43.6402, -44.2197,
22.6355

■ 127.9833,
-75.2305, 42.0801

■ 34.2090, -38.6980,
19.3164

■ 142.2765,
-79.0469, 44.5620

■ 25.5763, -32.6548,
15.7500

■ 157.0653,
-82.7718, 47.0032

■ 17.8242, -26.4097,
12.4770

172.3337,

■ 11.0673, -19.3677,

-86.4164, 49.4097

7.7471

188.0672,
-89.9904, 51.7868

■ 2.8610, -5.0068,
2.0027

0.0000, NaN, NaN

■ 76.1569, -58.7177,
31.5651

■ 76.1569, -58.7177,
31.5651

■ 76.1583, -58.7194,
31.5670

■ 76.4631, -57.0730,
28.9657

■ 76.9276, -54.7352,
26.2301

■ 77.5939, -51.5479,
23.4150

■ 78.4831, -47.4546,
20.5639

■ 79.6094, -42.4371,
17.7189

■ 80.9815, -36.5091,
14.9196

■ 82.6037, -29.7100,
12.2024

■ 84.4763, -22.0991,
9.5989

■ 86.5963, -13.7492,
7.1352

Harmonies

Analogous

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



76.1584, -38.2687, 43.4946



76.1569, -58.7177, 31.5651



76.1584, -65.2816, 3.6810

Triad

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



76.1584, -58.7185, 31.5656



76.1584, -3.5803, -106.5981



76.1584, 71.6626, 32.0279

Complementary

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



76.1569, -58.7177, 31.5651



42.3166, 75.0259, 7.5051

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.



76.1584, 85.9189, 4.6071



76.1569, -58.7177, 31.5651



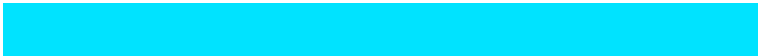
76.1584, 37.4898, -86.1380

Square

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



76.1584, -58.7185, 31.5656



76.1584, -37.5801, -87.0680



76.1584, 72.3254, -39.9971



76.1584, 36.4764, 43.6519

Rectangle

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



76.1569, -58.7177, 31.5651



76.1584, -62.1919, -24.9646



76.1584, 72.3254, -39.9971



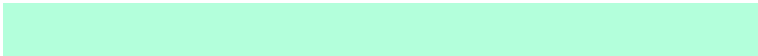
76.1584, 79.3431, 24.9619

Sweetspot

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



76.1584, -58.7185, 31.5656



92.8239, -33.5409, 13.7700



77.4511, -55.1622, 46.7590



42.5719, -17.0672, 6.9639

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.1584, -58.7185, 31.5656



85.6017, -66.0782, 35.6491



77.5881, -40.2429, -10.1048



40.2695, -6.1664, 3.2537



57.3241, -44.0463, 23.4331



15.6430, -11.6025, 5.4942

Inverse Universe

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



42.3166, 75.0259, 7.5051



47.5499, 84.2694, 8.7197



41.1183, 69.8945, 26.5600



38.0527, 2.1630, 1.0909



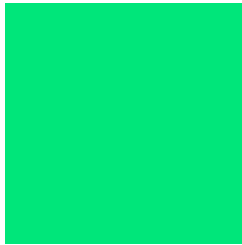
31.8772, 56.5898, 5.1009



8.7724, 15.7723, -0.1402

Previews

White Background



This preview shows how the HunterLab color 76.1569, -58.7177, 31.5651 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 76.1569, -58.7177, 31.5651 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 76.1569, -58.7177, 31.5651 Background



This preview shows how black text looks on a background with the HunterLab color 76.1569, -58.7177, 31.5651.



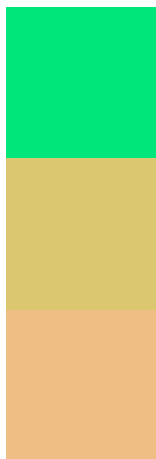
This preview shows how white text looks on a background with the HunterLab color 76.1569, -58.7177, 31.5651.

-58.7177, 31.5651.

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

76.1569, -58.7177, 31.5651

Protanopia

75.4321, -8.4673, 34.5120

Deuteranopia

75.2795, 5.4048, 29.2884



Tritanopia

75.9277, -30.0471, -15.1144

Trichromacy



Original Color

76.1569, -58.7177, 31.5651



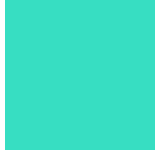
Protanomaly

72.6773, -36.8304, 30.9067



Deuteranomaly

71.9725, -30.4922, 26.9919



Tritanomaly

75.4651, -43.5191, 5.6401

Monochromacy



Original Color

76.1569, -58.7177, 31.5651



Achromatopsia

54.8219, -2.9252, 2.9786



Achromatomaly

60.1147, -30.0771, 12.4248

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.1569, -58.7177, 31.5651 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, 230, 122)` looks like.

```
.text, #text, p{  
    color:rgb(0, 230, 122)  
}
```

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, 230, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 230, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 76.1569, -58.7177, 31.5651 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, 230, 122) }
```


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

```
.border{ border-color:rgb(0, 230, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 230, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 230, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 230, 122);  
box-shadow:4px 4px 4px 4px rgb(0, 230,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.1569, -58.7177, 31.5651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 230, 122) }
```

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

```
.background{ background-color: rgb(0, 230,  
122) }
```

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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