

Converting Colors

HunterLab(77.6996, -51.0011,
27.3800)

Have a look what the booklet for
HunterLab(77.6996, -51.0011,
27.3800) contains.

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Color

**HunterLab(77.7979,
-51.2140, 27.5390)**

Conversions

Conversions Part 1

Format	Color
Hex	56E68E
RGB	86, 230, 142
RGB Percent	34%, 90%, 56%
CMY	0.6627, 0.0980, 0.4431
CMYK	0.63, 0.00, 0.38, 0.10
HSL	143°, 74%, 62%
HSV	143°, 63%, 90%
XYZ	37.0171, 60.5251, 35.3227
YIQ	176.9120, -57.5760, -57.8960

Conversions

Conversions Part 2

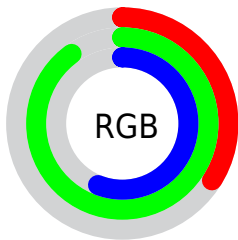
Format	Color
RYB	86, 190, 230
Decimal	5695118
CIELab	82.12, -57.80, 31.75
CIElCh	82, 65.952, 151.219
Yxy	60.5276, 0.2786, 0.4555
Android (android.graphics.Color)	4283885198 (0xFF56E68E)
YUV	176.9120, -17.2116, -79.7298
Hunter-Lab	77.7979, -51.2140, 27.5390

Details

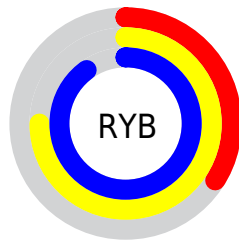
The HunterLab color **77.7979, -51.2140, 27.5390** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **51.5130, 60.9426, -13.2837**, and the grayscale version is **66.3581, -3.5407, 3.6054**.

A 20% lighter version of the original color is **90.4441, -43.9340, 20.7267**, and **55.3556, -42.5962, 22.7632** is the 20% darker color. If you saturate the color by 10%, you get **76.9480, -55.2289, 30.7267**, and if you desaturate by 10%, it is **78.8985, -46.1944, 24.1530**.

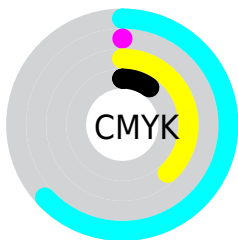
Distribution



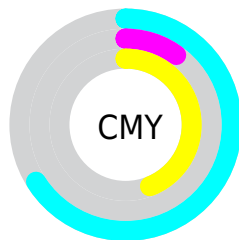
- Red (34%)
- Green (90%)
- Blue (56%)



- Red (34%)
- Yellow (75%)
- Blue (90%)



- Cyan (63%)
- Magenta (0%)
- Yellow (38%)
- Black (10%)



- Cyan (66%)
- Magenta (10%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.7979, -51.2140, 27.5390 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 77.7979, -51.2140, 27.5390 by changing the saturation by 10% instead.

■ 77.7979, -51.2140,
27.5390

■ 77.7979, -51.2140,
27.5390

206.5284,
-80.7511, 46.6919

■ 66.2148, -47.4150,
25.1943

■ 102.7593,
-58.3812, 32.0363

■ 55.2702, -43.4268,
22.7617

■ 116.0805,
-61.7942, 34.2120

■ 45.0054, -39.2028,
20.2175

■ 129.9324,
-65.1167, 36.3510

■ 35.4689, -34.6758,
17.5284

■ 144.2951,
-68.3616, 38.4601

■ 26.7213, -29.7470,
14.6473

159.1513,
-71.5394, 40.5446

■ 18.8414, -24.2650,
11.7830

174.4850,

■ 11.9380, -20.8915,

-74.6589, 42.6091

8.3566

190.2817,
-77.7274, 44.6571

■ 4.8493, -8.4862,
3.3945

0.0000, NaN, NaN

■ 77.7979, -51.2140,
27.5390

■ 77.7979, -51.2140,
27.5390

■ 76.9480, -55.2289,
30.7267

■ 78.8985, -46.1944,
24.1530

■ 76.3279, -58.2614,
33.6723


■ 80.2548, -40.1788,
20.6117


■ 75.9158, -60.3825,
36.3384


■ 81.8735, -33.2096,
16.9618


■ 75.7131, -61.4877,
38.0996


■ 83.7551, -25.3516,
13.2485

 85.8964, -16.6852,
9.5140

 88.2914, -7.3006,
5.7960

 90.9318, 2.7090,
2.1269

 92.2175, 7.9873,
-3.5651

 92.2366, 8.0896,
-3.8368

Harmonies

Analogous

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



77.7995, -33.6423, 39.5818



77.7979, -51.2140, 27.5390



77.7995, -56.7646, 2.9753

Triad

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



77.7995, -51.2149, 27.5396



77.7995, -2.8379, -80.3519



77.7995, 56.0057, 28.9421

Complementary

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



77.7979, -51.2140, 27.5390



51.5130, 60.9426, -13.2837

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.



77.7995, 67.7023, 5.4736



77.7979, -51.2140, 27.5390



77.7995, 30.5047, -64.6062

Square

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



77.7995, -51.2149, 27.5396



77.7995, -31.7087, -66.8409



77.7995, 57.6973, -29.6863



77.7995, 27.8620, 40.1300

Rectangle

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



77.7979, -51.2140, 27.5390



77.7995, -53.7547, -20.1647



77.7995, 57.6973, -29.6863



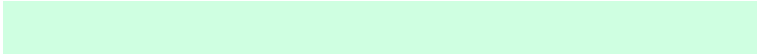
77.7995, 62.1786, 22.6354

Sweetspot

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



77.7995, -51.2149, 27.5396



94.9623, -25.1869, 13.4241



81.4611, -38.2260, 43.1184



43.6249, -12.9155, 6.7692

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.7995, -51.2149, 27.5396



86.2787, -63.1546, 35.5033



79.6172, -40.2971, 1.3744



40.2262, -6.4077, 3.8719



56.9868, -46.1420, 28.3788



15.5485, -12.1868, 6.8735

Inverse Universe

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



51.5130, 60.9426, -13.2837



53.1221, 79.6206, -14.4403



49.4521, 52.0688, 16.0610



38.0989, 2.4107, 0.4336



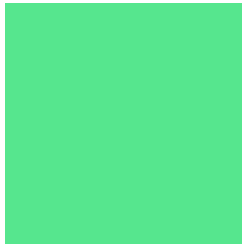
32.6040, 59.2272, -5.2260



8.9645, 16.4653, -2.8381

Previews

White Background



This preview shows how the HunterLab color 77.7979, -51.2140, 27.5390 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 77.7979, -51.2140, 27.5390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

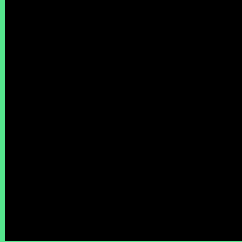
Any Text WCAG AA ✓ Pass

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 77.7979, -51.2140, 27.5390 Background



This preview shows how black text looks on a background with the HunterLab color 77.7979, -51.2140, 27.5390.



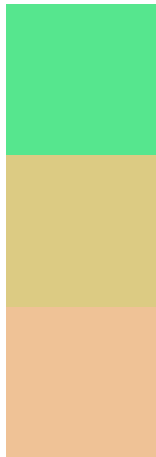
This preview shows how white text looks on a background with the HunterLab color 77.7979,

-51.2140, 27.5390.

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

77.7979, -51.2140, 27.5390

Protanopia

77.1791, -7.9338, 30.9229

Deuteranopia

76.9001, 5.6095, 25.2371



Tritanopia

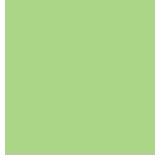
77.7381, -26.5734, -13.0879

Trichromacy



Original Color

77.7979, -51.2140, 27.5390



Protanomaly

76.1549, -27.8843, 28.5926



Deuteranomaly

75.3655, -20.3168, 24.3683



Tritanomaly

77.4873, -36.8381, 4.3476

Monochromacy



Original Color

77.7979, -51.2140, 27.5390



Achromatopsia

66.3066, -3.5380, 3.6026



Achromatomaly

69.3466, -23.6918, 12.2877

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.7979, -51.2140, 27.5390 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(86, 230, 142)` looks like.

```
.text, #text, p{  
    color:rgb(86, 230, 142)  
}
```

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(86, 230, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 230, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 77.7979, -51.2140, 27.5390 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(86, 230, 142) }
```


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

```
.border{ border-color:rgb(86, 230, 142) }
```

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

Here you see how a box with a 4 pixel rgb(86, 230, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 230, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 230, 142);  
box-shadow:4px 4px 4px 4px rgb(86, 230,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.7979, -51.2140, 27.5390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 230, 142) }
```

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

```
.background{ background-color: rgb(86, 230,  
142) }
```

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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