

Converting Colors

HunterLab(79.1975, -51.7456,
34.3531)

Have a look what the booklet for
HunterLab(79.1975, -51.7456,
34.3531) contains.

HunterLab(79.1975, -51.7456, 34.3531)	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(79.1975,
-51.7456, 34.3531)**

Conversions

Conversions Part 1

Format	Color
Hex	6AE979
RGB	106, 233, 121
RGB Percent	42%, 91%, 47%
CMY	0.5843, 0.0863, 0.5255
CMYK	0.55, 0.00, 0.48, 0.09
HSL	127°, 74%, 66%
HSV	127°, 55%, 91%
XYZ	38.5339, 62.7224, 28.1648
YIQ	182.2590, -39.7400, -61.7560

Conversions

Conversions Part 2

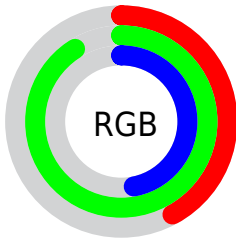
Format	Color
RYB	106, 220, 233
Decimal	7006585
CIELab	83.30, -57.94, 43.77
CIELCh	83, 72.615, 142.933
Yxy	62.7250, 0.2977, 0.4846
Android (android.graphics.Color)	4285196665 (0xFF6AE979)
YUV	182.2590, -30.2007, -66.8791
Hunter-Lab	79.1975, -51.7456, 34.3531

Details

The HunterLab color **79.1975, -51.7456, 34.3531** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **57.1793, 60.4416, -32.4881**, and the grayscale version is **68.6390, -3.6624, 3.7293**.

A 20% lighter version of the original color is **90.9517, -42.9342, 28.8536**, and **56.4406, -43.9722, 28.0942** is the 20% darker color. If you saturate the color by 10%, you get **78.1247, -56.7421, 37.9089**, and if you desaturate by 10%, it is **80.5671, -45.5288, 30.1450**.

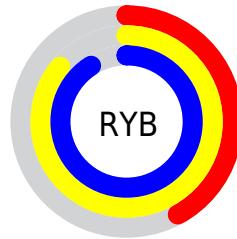
Distribution



Red (42%)

Green (91%)

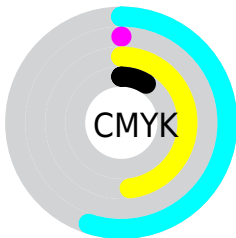
Blue (47%)



Red (42%)

Yellow (86%)

Blue (91%)

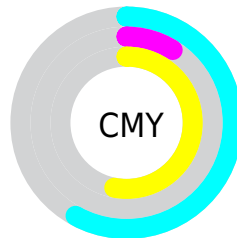


Cyan (55%)

Magenta (0%)

Yellow (48%)

Black (9%)



Cyan (58%)

Magenta (9%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.1975, -51.7456, 34.3531 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 79.1975, -51.7456, 34.3531 by changing the saturation by 10% instead.

■ 79.1975, -51.7456,
34.3531

■ 79.1975, -51.7456,
34.3531

208.4637,
-81.2571, 58.5534

■ 67.5417, -47.9583,
31.2932

■ 104.2942,
-58.8983, 40.1610

■ 56.5200, -43.9855,
28.0978

■ 117.6788,
-62.3068, 42.9417

■ 46.1731, -39.7827,
24.7368

■ 131.5916,
-65.6261, 45.6576

■ 36.5483, -35.2852,
21.1706

146.0131,
-68.8689, 48.3184

■ 27.7045, -30.3986,
17.3522

160.9261,
-72.0455, 50.9322

■ 19.7179, -24.9789,
13.8025

176.3148,

■ 12.6928, -22.2125,

-75.1644, 53.5057

8.8850

192.1650,
-78.2330, 56.0445

■ 6.0420, -10.5734,
4.2294

0.0000, NaN, NaN

■ 79.1975, -51.7456,
34.3531

■ 79.1975, -51.7456,
34.3531

■ 78.1247, -56.7421,
37.9089

■ 80.5671, -45.5288,
30.1450

■ 77.3306, -60.5125,
40.7863


■ 82.2351, -38.1325,
25.3270


■ 76.7962, -63.1063,
42.9845

■ 84.2040, -29.6352,
19.9582

■ 76.4915, -64.6313,
44.5272

■ 86.4704, -20.1376,
14.1061

 76.3949, -65.1274,
45.1044

 89.0266, -9.7541,
7.8427

 91.8624, 1.3960,
1.2393

 93.1452, 6.4601,
-2.7122

Harmonies

Analogous

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



79.1991, -29.1560, 43.8697



79.1975, -51.7456, 34.3531



79.1991, -61.3148, 11.9044

Triad

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



79.1991, -51.7468, 34.3536



79.1991, -12.4695, -91.2420



79.1991, 69.1084, 25.7024

Complementary

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



79.1975, -51.7456, 34.3531



57.1793, 60.4416, -32.4881

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.



79.1991, 75.7094, -4.1177



79.1975, -51.7456, 34.3531



79.1991, 24.2193, -82.0563

Square

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



79.1991, -51.7468, 34.3536



79.1991, -41.3803, -67.1519



79.1991, 58.0618, -45.7815



79.1991, 41.3509, 40.6358

Rectangle

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



79.1975, -51.7456, 34.3531



79.1991, -60.4712, -11.6759



79.1991, 58.0618, -45.7815



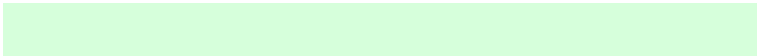
79.1991, 74.0545, 17.5334

Sweetspot

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



79.1991, -51.7468, 34.3536



95.3739, -24.0301, 16.6777



86.1715, -25.0398, 43.2779



43.8766, -12.1485, 8.3478

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.1991, -51.7468, 34.3536



86.4619, -63.2476, 42.2821



80.5100, -43.8507, 15.3175



41.0988, -7.0326, 5.1527



57.5532, -49.0070, 33.8557



16.1570, -13.5484, 9.0522

Inverse Universe

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



57.1793, 60.4416, -32.4881



58.7103, 79.3424, -42.1299



54.7619, 49.7058, 1.1894



39.0914, 2.9773, -0.8809



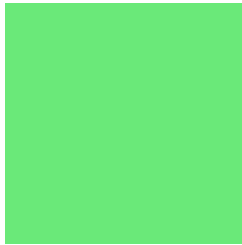
35.1513, 67.3844, -32.9967



9.8941, 19.0366, -9.8284

Previews

White Background



This preview shows how the HunterLab color 79.1975, -51.7456, 34.3531 looks on a white background.

Color Contrast Check

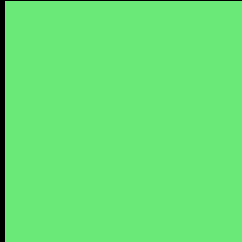
Large Text (above 18pt) WCAG AA × Fail

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 79.1975, -51.7456, 34.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

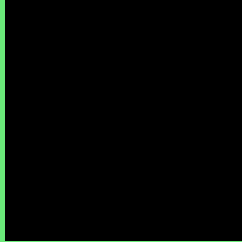
Any Text WCAG AA ✓ Pass

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 79.1975, -51.7456, 34.3531 Background



This preview shows how black text looks on a background with the HunterLab color 79.1975, -51.7456, 34.3531.



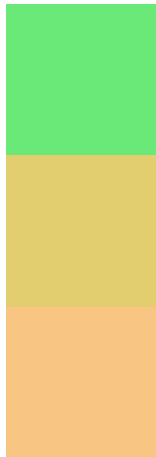
This preview shows how white text looks on a background with the HunterLab color 79.1975,

-51.7456, 34.3531.

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

79.1975, -51.7456, 34.3531

Protanopia

78.4992, -8.6269, 36.8610

Deuteranopia

78.5391, 5.8818, 32.5554



Tritanopia

79.0113, -23.3742, -12.4218

Trichromacy



Original Color

79.1975, -51.7456, 34.3531



Protanomaly

77.7283, -27.6801, 35.0391



Deuteranomaly

77.1335, -19.4990, 31.7541



Tritanomaly

78.7881, -35.7298, 9.0707

Monochromacy



Original Color

79.1975, -51.7456, 34.3531



Achromatopsia

68.3947, -3.6494, 3.7160



Achromatomaly

71.5412, -24.0015, 16.1007

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.1975, -51.7456, 34.3531 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(106, 233, 121)` looks like.

```
.text, #text, p{  
    color:rgb(106, 233, 121)  
}
```

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(106, 233, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 233, 121) }
```

Border

The CSS property to change the border of an element to HunterLab 79.1975, -51.7456, 34.3531 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(106, 233, 121) }
```


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

```
.border{ border-color:rgb(106, 233, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 233, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 233, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 233, 121);  
box-shadow:4px 4px 4px 4px rgb(106, 233,  
121) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.1975, -51.7456, 34.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 233, 121) }
```

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

```
.background{ background-color: rgb(106,  
233, 121) }
```

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