

Converting Colors

HunterLab(79.8120, -56.1884,
29.1820)

Have a look what the booklet for
HunterLab(79.8120, -56.1884,
29.1820) contains.

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Color

**HunterLab(79.7567,
-56.1373, 29.1388)**

Conversions

Conversions Part 1

Format	Color
Hex	40ED8E
RGB	64, 237, 142
RGB Percent	25%, 93%, 56%
CMY	0.7490, 0.0706, 0.4431
CMYK	0.73, 0.00, 0.40, 0.07
HSL	147°, 83%, 59%
HSV	147°, 73%, 93%
XYZ	37.2810, 63.6113, 35.9045
YIQ	174.4430, -72.6130, -66.2210

Conversions

Conversions Part 2

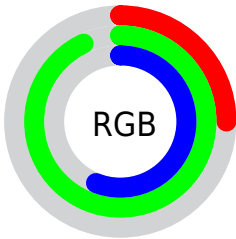
Format	Color
RYB	64, 183, 237
Decimal	4255118
CIELab	83.76, -64.01, 33.83
CIELCh	84, 72.400, 152.142
Yxy	63.6139, 0.2725, 0.4650
Android (android.graphics.Color)	4282445198 (0xFF40ED8E)
YUV	174.4430, -15.9944, -96.8585
Hunter-Lab	79.7567, -56.1373, 29.1388

Details

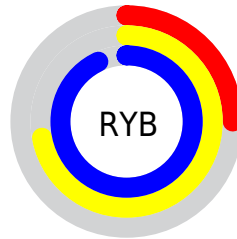
The HunterLab color **79.7567, -56.1373, 29.1388** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle muted spring green. A complement of this color would be **49.1688, 70.1263, -8.0300**, and the grayscale version is **65.3305, -3.4859, 3.5495**.

A 20% lighter version of the original color is **89.7629, -46.6094, 20.0003**, and **57.7760, -44.9817, 24.8875** is the 20% darker color. If you saturate the color by 10%, you get **79.1281, -59.2179, 32.1629**, and if you desaturate by 10%, it is **80.6214, -52.0832, 25.9557**.

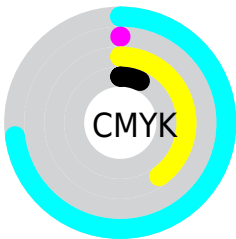
Distribution



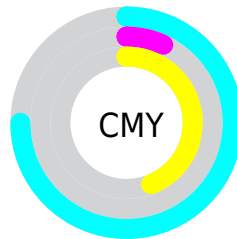
- Red (25%)
- Green (93%)
- Blue (56%)



- Red (25%)
- Yellow (72%)
- Blue (93%)



- Cyan (73%)
- Magenta (0%)
- Yellow (40%)
- Black (7%)





- Cyan (75%)
- Magenta (7%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 79.7567, -56.1373, 29.1388 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 79.7567, -56.1373, 29.1388 by changing the saturation by 10% instead.


 79.7567, -56.1373,
29.1388


 79.7567, -56.1373,
29.1388


209.2353,
-88.1626, 49.1077


 68.0720, -51.9944,
26.6836


 104.9069,
-63.9402, 33.8425

 57.0199, -47.6417,
24.1351


 118.3167,
-67.6492, 36.1149

 46.6405, -43.0291,
21.4692


 132.2536,
-71.2554, 38.3469

 36.9808, -38.0859,
18.6524

 146.6985,
-74.7730, 40.5456

 28.0990, -32.7097,
15.6385

161.6340,
-78.2136, 42.7167

 20.0703, -26.7478,
12.5743

177.0446,

 12.9974, -22.7455,

-81.5868, 44.8649

9.0982

192.9160,
-84.9009, 46.9941

■ 6.4555, -11.2971,
4.5188

0.0000, NaN, NaN

■ 79.7567, -56.1373,
29.1388

■ 79.7567, -56.1373,
29.1388

■ 79.1281, -59.2179,
32.1629

■ 80.6214, -52.0832,
25.9557


■ 78.7062, -61.3966,
34.9828


■ 81.7342, -47.0244,
22.6566


■ 78.5043, -62.5038,
36.8043


■ 83.1074, -40.9697,
19.2874

■ 84.7464, -33.9575,
15.8927

 86.6523, -26.0497,
12.5140

 88.8224, -17.3245,
9.1889

 91.2510, -7.8701,
5.9495

 93.9301, 2.2215,
2.8219

 94.3667, 4.2952,
-1.2179

Harmonies

Analogous

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



79.7583, -37.4620, 42.1042



79.7567, -56.1373, 29.1388



79.7583, -61.7131, 1.8735

Triad

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



79.7583, -56.1382, 29.1394



79.7583, -1.6899, -91.7902



79.7583, 62.2549, 31.7639

Complementary

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



79.7567, -56.1373, 29.1388



49.1688, 70.1263, -8.0300

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.



79.7583, 76.1757, 6.7330



79.7567, -56.1373, 29.1388



79.7583, 35.4561, -72.6627

Square

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



79.7583, -56.1382, 29.1394



79.7583, -33.7513, -77.1847



79.7583, 65.6074, -32.4079



79.7583, 30.2568, 43.0861

Rectangle

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



79.7567, -56.1373, 29.1388



79.7583, -58.2079, -24.2562



79.7583, 65.6074, -32.4079



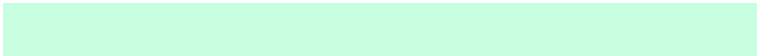
79.7583, 69.4333, 25.1643

Sweetspot

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



79.7583, -56.1382, 29.1394



94.3614, -27.4810, 13.2671



82.6605, -46.3164, 46.6447



43.3785, -13.8490, 6.5978

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.7583, -56.1382, 29.1394



85.7117, -65.7297, 36.6201



82.0256, -42.4566, -3.4403



41.2008, -6.4622, 3.6916



58.0273, -46.0451, 26.8692



16.3193, -12.5380, 6.6682

Inverse Universe

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



49.1688, 70.1263, -8.0300



49.5445, 84.5680, -4.4853



47.0625, 61.5825, 22.2125



38.9775, 2.3676, 0.7364



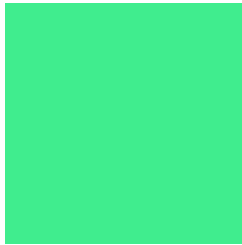
32.7700, 58.8932, -0.3252



9.2877, 16.8823, -1.5712

Previews

White Background



This preview shows how the HunterLab color 79.7567, -56.1373, 29.1388 looks on a white background.

Color Contrast Check

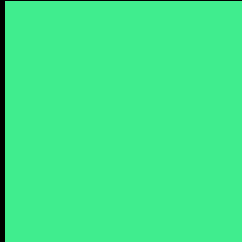
Large Text (above 18pt) WCAG AA × Fail

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 79.7567, -56.1373, 29.1388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

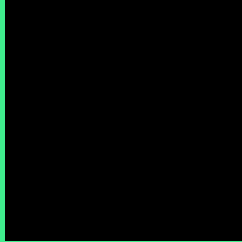
Any Text WCAG AA ✓ Pass

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 79.7567, -56.1373, 29.1388 Background



This preview shows how black text looks on a background with the HunterLab color 79.7567, -56.1373, 29.1388.



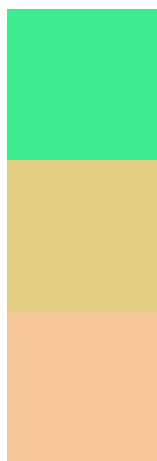
This preview shows how white text looks on a background with the HunterLab color 79.7567, -56.1373, 29.1388.

-56.1373, 29.1388.

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

79.7567, -56.1373, 29.1388

Protanopia

78.9975, -7.8550, 32.6899

Deuteranopia

78.7623, 5.9322, 26.5971



Tritanopia

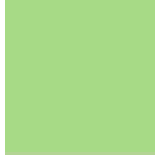
79.5390, -29.6507, -14.7147

Trichromacy



Original Color

79.7567, -56.1373, 29.1388



Protanomaly

77.5110, -31.2979, 29.9617



Deuteranomaly

76.6869, -23.6873, 25.1783



Tritanomaly

79.1320, -40.8538, 4.2947

Monochromacy



Original Color

79.7567, -56.1373, 29.1388



Achromatopsia

65.0590, -3.4714, 3.5348



Achromatomaly

68.9996, -26.7922, 12.6759

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.7567, -56.1373, 29.1388 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(64, 237, 142)` looks like.

```
.text, #text, p{  
    color:rgb(64, 237, 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(64, 237, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 237, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 79.7567, -56.1373, 29.1388 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(64, 237, 142) }
```


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

```
.border{ border-color:rgb(64, 237, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 237, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 237, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 237, 142);  
box-shadow:4px 4px 4px 4px rgb(64, 237,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.7567, -56.1373, 29.1388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 237, 142) }
```

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

```
.background{ background-color: rgb(64, 237,  
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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