

Converting Colors

HunterLab(79.6311, -56.7714,
23.8968)

Have a look what the booklet for
HunterLab(79.6311, -56.7714,
23.8968) contains.

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Color

**HunterLab(79.4768,
-56.6467, 23.8500)**

Conversions

Conversions Part 1

Format	Color
Hex	12ED9E
RGB	18, 237, 158
RGB Percent	7%, 93%, 62%
CMY	0.9293, 0.0706, 0.3804
CMYK	0.92, 0.00, 0.33, 0.07
HSL	158°, 86%, 50%
HSV	158°, 92%, 93%
XYZ	36.7052, 63.1656, 42.6054
YIQ	162.5130, -105.1650, -70.9970

Conversions

Conversions Part 2

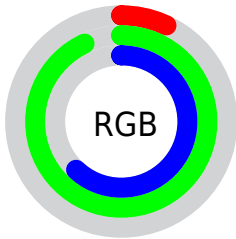
Format	Color
RYB	18, 152, 237
Decimal	1240478
CIELab	83.53, -64.90, 25.32
CIELCh	84, 69.660, 158.687
Yxy	63.1681, 0.2576, 0.4433
Android (android.graphics.Color)	4279430558 (0xFF12ED9E)
YUV	162.5130, -2.2249, -126.7379
Hunter-Lab	79.4768, -56.6467, 23.8500

Details

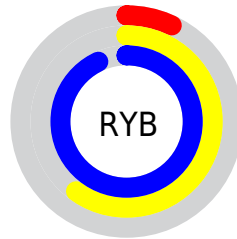
The HunterLab color **79.4768, -56.6467, 23.8500** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **43.9339, 74.6691, 13.1100**, and the grayscale version is **60.3623, -3.2208, 3.2796**.

A 20% lighter version of the original color is **89.3876, -47.1775, 12.4996**, and **58.0372, -43.3659, 21.0730** is the 20% darker color. If you saturate the color by 10%, you get **79.2599, -57.8278, 25.7657**, and if you desaturate by 10%, it is **79.8940, -54.5514, 21.3050**.

Distribution



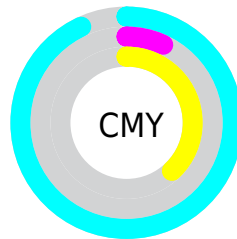
- Red (7%)
- Green (93%)
- Blue (62%)



- Red (7%)
- Yellow (60%)
- Blue (93%)



- Cyan (92%)
- Magenta (0%)
- Yellow (33%)
- Black (7%)





- Cyan (93%)
- Magenta (7%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 79.4768, -56.6467, 23.8500 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 79.4768, -56.6467, 23.8500 by changing the saturation by 10% instead.


 79.4768, -56.6467,
23.8500


 79.4768, -56.6467,
23.8500


208.8491,
-89.0662, 40.3417


 67.8065, -52.4457,
21.8904


 104.6002,
-64.5537, 27.6490


 56.7696, -48.0300,
19.8732


 117.9974,
-68.3103, 29.5046


 46.4065, -43.3484,
17.7810


 131.9222,
-71.9616, 31.3395

 36.7642, -38.3284,
15.5886

 146.3554,
-75.5220, 33.1585

 27.9014, -32.8654,
13.2591

 161.2797,
-79.0036, 34.9654

 19.8937, -26.8037,
10.7369

176.6793,

 12.8447, -22.4783,

-82.4162, 36.7633

8.9913

192.5402,
-85.7680, 38.5547

■ 6.2520, -10.9410,
4.3764

0.0000, NaN, NaN

■ 79.4768, -56.6467,
23.8500

■ 79.4768, -56.6467,
23.8500

■ 79.2599, -57.8278,
25.7657

■ 79.8940, -54.5514,
21.3050

■ 80.5034, -51.6544,
18.7924

■ 81.3306, -47.8839,
16.3578

■ 82.3919, -43.2079,
14.0417

■ 83.6983, -37.6271,
11.8796

■ 85.2559, -31.1693,
9.9015

■ 87.0665, -23.8836,
8.1312

■ 89.1286, -15.8349,
6.5863

■ 91.4379, -7.0980,
5.2778

Harmonies

Analogous

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



79.4784, -41.2760, 39.2772



79.4768, -56.6467, 23.8500



79.4784, -59.3113, -5.7017

Triad

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



79.4784, -56.6474, 23.8506



79.4784, 5.9211, -85.5413



79.4784, 53.7990, 34.3108

Complementary

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



79.4768, -56.6467, 23.8500



43.9339, 74.6691, 13.1100

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.



79.4784, 71.6653, 13.1969



79.4768, -56.6467, 23.8500



79.4784, 41.1200, -61.5330

Square

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



79.4784, -56.6474, 23.8506



79.4784, -26.7374, -78.6724



79.4784, 66.6702, -21.8996



79.4784, 21.0653, 43.2980

Rectangle

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



79.4768, -56.6467, 23.8500



79.4784, -54.0487, -31.8917



79.4784, 66.6702, -21.8996



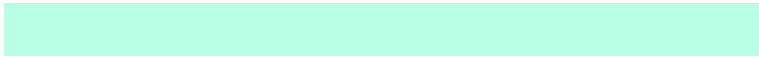
79.4784, 61.9742, 28.8551

Sweetspot

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



79.4784, -56.6474, 23.8506



93.4514, -30.5827, 9.9059



79.5164, -59.5398, 47.5279



42.8564, -15.6856, 4.9821

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.4784, -56.6474, 23.8506



86.1188, -62.8842, 28.1078



71.5965, -30.4424, -22.7670



41.2605, -6.1294, 2.8388



58.5857, -42.5912, 18.7150



16.4726, -11.5933, 4.4372

Inverse Universe

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



43.9339, 74.6691, 13.1100



46.9389, 82.0303, 17.5717



44.8323, 65.1200, 28.0076



38.9151, 2.0324, 1.6255



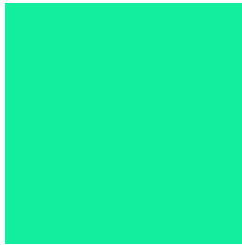
31.9611, 55.9400, 11.3070



9.0553, 16.0389, 1.7326

Previews

White Background



This preview shows how the HunterLab color 79.4768, -56.6467, 23.8500 looks on a white background.

Color Contrast Check

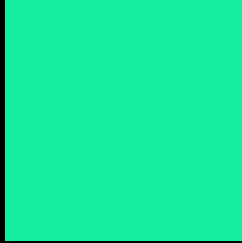
Large Text (above 18pt) WCAG AA × Fail

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 79.4768, -56.6467, 23.8500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

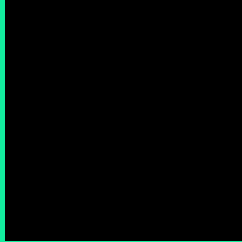
Any Text WCAG AA ✓ Pass

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 79.4768, -56.6467, 23.8500 Background



This preview shows how black text looks on a background with the HunterLab color 79.4768, -56.6467, 23.8500.



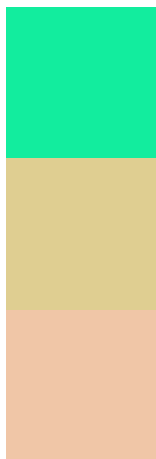
This preview shows how white text looks on a background with the HunterLab color 79.4768, -56.6467, 23.8500.

-56.6467, 23.8500.

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

79.4768, -56.6467, 23.8500

Protanopia

78.6606, -6.9169, 28.1579

Deuteranopia

78.5515, 5.9326, 20.9124



Tritanopia

79.2618, -32.3107, -16.3442

Trichromacy



Original Color

79.4768, -56.6467, 23.8500



Protanomaly

76.2388, -33.8399, 23.9461



Deuteranomaly

75.5898, -27.0985, 18.5553



Tritanomaly

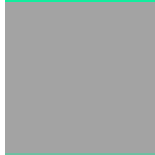
78.9478, -42.9469, 0.6192

Monochromacy



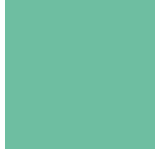
Original Color

79.4768, -56.6467, 23.8500



Achromatopsia

60.5188, -3.2291, 3.2881



Achromatomaly

65.3568, -28.9522, 9.1774

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.4768, -56.6467, 23.8500 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(18, 237, 158)` looks like.

```
.text, #text, p{  
    color:rgb(18, 237, 158)  
}
```

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(18, 237, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 237, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 79.4768, -56.6467, 23.8500 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(18, 237, 158) }
```


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

```
.border{ border-color:rgb(18, 237, 158) }
```

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

Here you see how a box with a 4 pixel rgb(18, 237, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 237, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 237, 158);  
box-shadow:4px 4px 4px 4px rgb(18, 237,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.4768, -56.6467, 23.8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 237, 158) }
```

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

```
.background{ background-color: rgb(18, 237,  
158) }
```

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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