

Converting Colors

HunterLab(79.4979, -38.4853,
-12.9963)

Have a look what the booklet for
HunterLab(79.4979, -38.4853,
-12.9963) contains.

HunterLab(79.5967, -38.5150, -13.0337)	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(79.5967,
-38.5150, -13.0337)**

Conversions

Conversions Part 1

Format	Color
Hex	29E6F0
RGB	41, 230, 240
RGB Percent	16%, 90%, 94%
CMY	0.8391, 0.0980, 0.0588
CMYK	0.83, 0.04, 0.00, 0.06
HSL	183°, 87%, 55%
HSV	183°, 83%, 94%
XYZ	44.9395, 63.3563, 92.2986
YIQ	174.6290, -115.8540, -36.9580

Conversions

Conversions Part 2

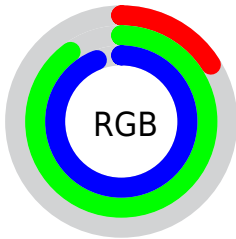
Format	Color
RYB	41, 138, 240
Decimal	2746096
CIELab	83.63, -39.91, -17.51
CIELCh	84, 43.584, 203.681
Yxy	63.3587, 0.2240, 0.3158
Android (android.graphics.Color)	4280936176 (0xFF29E6F0)
YUV	174.6290, 32.2279, -117.1926
Hunter-Lab	79.5967, -38.5150, -13.0337

Details

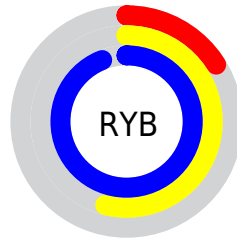
The HunterLab color **79.5967, -38.5150, -13.0337** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **45.8858, 65.6598, 26.7111**, and the grayscale version is **65.2286, -3.4804, 3.5440**.

A 20% lighter version of the original color is **91.1592, -37.6019, -6.0194**, and **58.0799, -28.5317, -11.0031** is the 20% darker color. If you saturate the color by 10%, you get **78.9540, -38.8673, -13.9367**, and if you desaturate by 10%, it is **80.4269, -37.4465, -11.8704**.

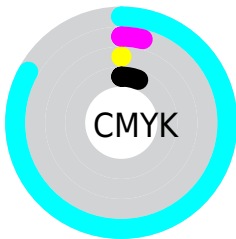
Distribution



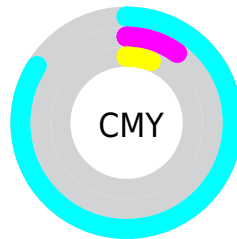
- Red (16%)
- Green (90%)
- Blue (94%)



- Red (16%)
- Yellow (54%)
- Blue (94%)



- Cyan (83%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)





- Cyan (84%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 79.5967, -38.5150, -13.0337 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 79.5967, -38.5150, -13.0337 by changing the saturation by 10% instead.


 79.5967, -38.5150,
-13.0337


 79.5967, -38.5150,
-13.0337


209.0144,
-60.6175, -11.4776


 67.9201, -35.7802,
-12.9553


 104.7315,
-43.7440, -13.0162


 56.8767, -32.9389,
-12.8158


 118.1340,
-46.2661, -12.9296

 46.5066, -29.9625,
-12.6101


 132.0640,
-48.7403, -12.7946

 36.8569, -26.8103,
-12.3345

 146.5022,
-51.1742, -12.6140

 27.9859, -23.4212,
-11.9876

161.4313,
-53.5741, -12.3899

 19.9692, -19.6985,
-11.5764

176.8357,

 12.9100, -16.2338,

-55.9451, -12.1247

-11.1357

192.7010,
-58.2918, -11.8200

■ 6.3399, -11.0949,
-12.7978

0.0000, NaN, -NF

■ 79.5967, -38.5150,
-13.0337

■ 79.5967, -38.5150,
-13.0337

■ 78.9540, -38.8673,
-13.9367


■ 80.4269, -37.4465,
-11.8704


■ 78.5788, -38.7984,
-14.4622


■ 81.4638, -35.5809,
-10.4253


■ 82.7246, -32.8747,
-8.6865


■ 84.2195, -29.3147,
-6.6543

 85.9538, -24.9128,
-4.3376

 87.9291, -19.7008,
-1.7517

 90.1434, -13.7261,
1.0828

 92.5924, -7.0466,
4.1430

 95.0669, -0.4202,
7.1579

Harmonies

Analogous

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



79.5982, -41.1351, 8.5185



79.5967, -38.5150, -13.0337



79.5982, -27.1697, -34.0644

Triad

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



79.5982, -38.5150, -13.0325



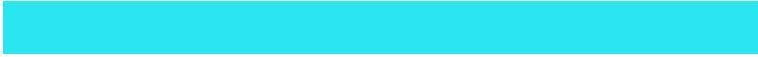
79.5982, 31.6612, -22.4891



79.5982, 0.3247, 34.2291

Complementary

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



79.5967, -38.5150, -13.0337



45.8858, 65.6598, 26.7111

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.



79.5982, 21.5946, 29.8442



79.5967, -38.5150, -13.0337



79.5982, 40.8771, -0.0935

Square

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



79.5982, -38.5150, -13.0325



79.5982, 12.9456, -40.4552



79.5982, 37.0118, 18.4961



79.5982, -20.1020, 32.4744

Rectangle

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



79.5967, -38.5150, -13.0337



79.5982, -15.4783, -43.0878



79.5982, 37.0118, 18.4961



79.5982, 7.6344, 33.4720

Sweetspot

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



79.5982, -38.5150, -13.0325



93.7134, -22.3895, -2.5020



79.3925, -65.4781, 45.4387



43.0065, -11.2839, -1.6142

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.5982, -38.5150, -13.0325



84.2190, -41.5624, -15.4359



47.8313, 8.4769, -72.5670



42.1721, -5.3363, 0.9779



58.1902, -28.7693, -10.6279



16.9068, -8.4479, -2.8955

Inverse Universe

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



50.8195, 90.2448, -54.4492



52.6736, 102.1415, -60.5903



63.7539, 20.9080, 37.6982



40.0211, 3.1895, -1.2548



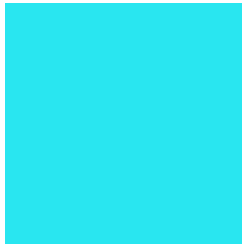
36.3478, 70.6944, -41.9976



10.5037, 20.4597, -12.3736

Previews

White Background



This preview shows how the HunterLab color 79.5967, -38.5150, -13.0337 looks on a white background.

Color Contrast Check

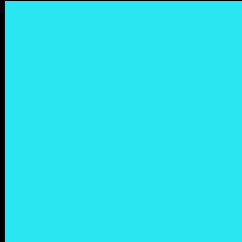
Large Text (above 18pt) WCAG AA × Fail

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 79.5967, -38.5150, -13.0337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

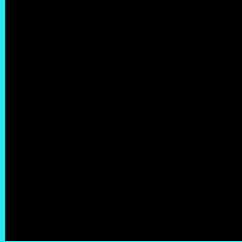
Any Text WCAG AA ✓ Pass

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 79.5967, -38.5150, -13.0337 Background



This preview shows how black text looks on a background with the HunterLab color 79.5967, -38.5150, -13.0337.



This preview shows how white text looks on a background with the HunterLab color 79.5967,

-38.5150, -13.0337.

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

79.5967, -38.5150, -13.0337

Protanopia

78.7551, -0.7814, -4.5763

Deuteranopia

78.8418, 5.7637, -16.8842



Tritanopia

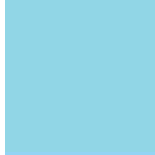
79.6285, -36.0667, -17.0848

Trichromacy



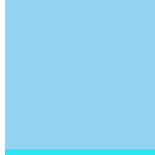
Original Color

79.5967, -38.5150, -13.0337



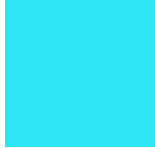
Protanomaly

77.3473, -19.9540, -10.0739



Deuteranomaly

77.3445, -15.5629, -18.2224



Tritanomaly

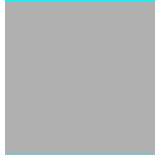
79.4677, -36.9223, -15.5350

Monochromacy



Original Color

79.5967, -38.5150, -13.0337



Achromatopsia

65.4745, -3.4936, 3.5574



Achromatomaly

68.9850, -21.2904, -4.3036

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.5967, -38.5150, -13.0337 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(41, 230, 240)` looks like.

```
.text, #text, p{  
    color:rgb(41, 230, 240)  
}
```

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(41, 230, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 230, 240) }
```

Border

The CSS property to change the border of an element to HunterLab 79.5967, -38.5150, -13.0337 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(41, 230, 240) }
```


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

```
.border{ border-color:rgb(41, 230, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 230, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 230, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 230, 240);  
box-shadow:4px 4px 4px 4px rgb(41, 230,  
240) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.5967, -38.5150, -13.0337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 230, 240) }
```

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

```
.background{ background-color: rgb(41, 230,  
240) }
```

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