

Converting Colors

HunterLab(87.9095, -37.8033,
-10.3000)

Have a look what the booklet for
HunterLab(87.9095, -37.8033,
-10.3000) contains.

HunterLab(87.8519, -37.7298, -10.3760)	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(87.8519,
-37.7298, -10.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	66F8FF
RGB	102, 248, 255
RGB Percent	40%, 97%, 100%
CMY	0.6000, 0.0274, 0.0000
CMYK	0.60, 0.03, 0.00, 0.00
HSL	183°, 100%, 70%
HSV	183°, 60%, 100%
XYZ	57.0969, 77.1796, 106.4955
YIQ	205.1440, -89.2630, -28.7750

Conversions

Conversions Part 2

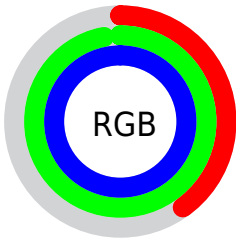
Format	Color
RYB	102, 177, 255
Decimal	6748415
CIELab	90.41, -36.75, -15.07
CIElCh	90, 39.723, 202.295
Yxy	77.1824, 0.2371, 0.3206
Android (android.graphics.Color)	4284938495 (0xFF66F8FF)
YUV	205.1440, 24.5790, -90.4573
Hunter-Lab	87.8519, -37.7298, -10.3760

Details

The HunterLab color **87.8519, -37.7298, -10.3760** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **57.5826, 51.4591, 23.4378**, and the grayscale version is **78.1233, -4.1685, 4.2446**.

A 20% lighter version of the original color is **93.2499, -29.6782, -3.2127**, and **64.2953, -32.4944, -10.2174** is the 20% darker color. If you saturate the color by 10%, you get **86.7178, -40.0216, -11.9500**, and if you desaturate by 10%, it is **89.2343, -34.5257, -8.4790**.

Distribution



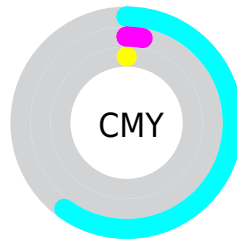
- Red (40%)
- Green (97%)
- Blue (100%)



- Red (40%)
- Yellow (69%)
- Blue (100%)



- Cyan (60%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.8519, -37.7298, -10.3760 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 87.8519, -37.7298, -10.3760 by changing the saturation by 10% instead.

87.8519, -37.7298,
-10.3760

87.8519, -37.7298,
-10.3760

220.3147,
-58.3672, -7.8538

75.7645, -35.2265,
-10.4220

113.7528,
-42.5559, -10.1192

64.2873, -32.6421,
-10.4123

127.5149,
-44.8984, -9.9192

53.4564, -29.9568,
-10.3402

141.7911,
-47.2046, -9.6745

43.3131, -27.1417,
-10.2006

156.5637,
-49.4805, -9.3874

33.9074, -24.1550,
-9.9886

171.8164,
-51.7309, -9.0600

25.3027, -20.9334,
-9.7003

187.5345,

17.5818, -17.3728,

-53.9599, -8.6942

-9.3380

203.7047,
-56.1711, -8.2916

■ 10.8606, -15.7572,
-8.9302

■ 2.1187, -3.7078,
-29.5553

■ 87.8519, -37.7298,
-10.3760

■ 87.8519, -37.7298,
-10.3760

■ 86.7178, -40.0216,
-11.9500

■ 89.2343, -34.5257,
-8.4790

■ 85.8114, -41.4375,
-13.2166

■ 90.8698, -30.3998,
-6.2675

■ 85.1112, -42.0548,
-14.1965

■ 92.7651, -25.3712,
-3.7505

■ 84.5722, -42.0431,
-14.9485

■ 94.9209, -19.4792,
-0.9456

■ 84.5721, -42.0431,
-14.9487

■ 97.3345, -12.7783,
2.1244

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



87.8535, -39.8710, 9.5796



87.8519, -37.7298, -10.3760



87.8535, -27.1459, -29.6436

Triad

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



87.8535, -37.7305, -10.3739



87.8535, 28.0956, -20.8653



87.8535, 0.5607, 34.0171

Complementary

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



87.8519, -37.7298, -10.3760



57.5826, 51.4591, 23.4378

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.



87.8535, 20.2705, 29.2214



87.8519, -37.7298, -10.3760



87.8535, 37.0743, -0.3021

Square

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



87.8535, -37.7305, -10.3739



87.8535, 10.4881, -36.5897



87.8535, 34.0888, 17.6419



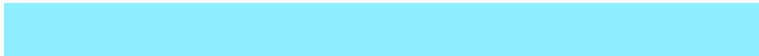
87.8535, -18.9073, 32.4961

Rectangle

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



87.8519, -37.7298, -10.3760



87.8535, -16.1628, -38.0508



87.8535, 34.0888, 17.6419



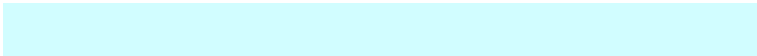
87.8535, 7.3985, 33.1366

Sweetspot

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



87.8535, -37.7305, -10.3739



95.3824, -18.2037, -0.3530



86.8384, -61.7291, 42.9113



43.8187, -9.2768, -0.5612

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.8535, -37.7305, -10.3739



86.5185, -40.3734, -12.2280



63.3148, -2.1145, -49.6165



45.0895, -5.7500, 1.0557



61.1845, -30.4533, -10.7354



19.2021, -9.6366, -3.1983

Inverse Universe

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



61.2714, 76.1246, -46.8503



57.0162, 88.8337, -54.4839



75.0573, 12.9981, 36.5462



42.7612, 3.4565, -1.3908



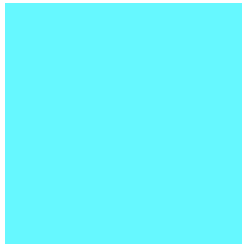
38.0882, 74.1491, -44.5494



11.9028, 23.1995, -14.1346

Previews

White Background



This preview shows how the HunterLab color 87.8519, -37.7298, -10.3760 looks on a white background.

Color Contrast Check

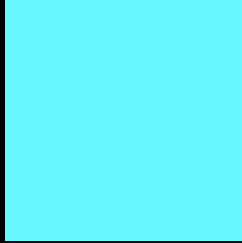
Large Text (above 18pt) WCAG AA × Fail

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 87.8519, -37.7298, -10.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

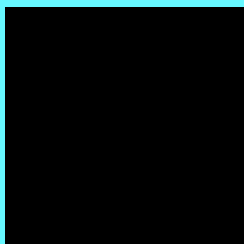
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

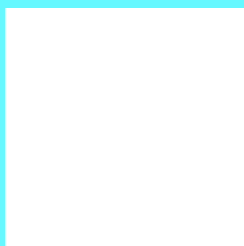
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 87.8519, -37.7298, -10.3760 Background



This preview shows how black text looks on a background with the HunterLab color 87.8519, -37.7298, -10.3760.



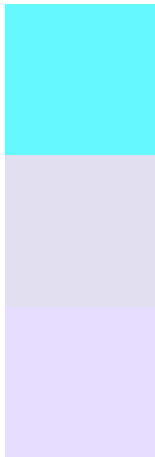
This preview shows how white text looks on a background with the HunterLab color 87.8519, -37.7298, -10.3760.

-37.7298, -10.3760.

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

87.8519, -37.7298, -10.3760

Protanopia

87.0467, -1.1027, -2.5324

Deuteranopia

87.0379, 4.6535, -10.7328



Tritanopia

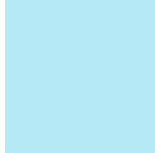
87.4129, -25.2711, -10.7490

Trichromacy



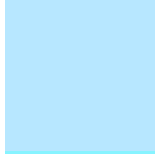
Original Color

87.8519, -37.7298, -10.3760



Protanomaly

86.4258, -17.6653, -6.3169



Deuteranomaly

86.2781, -14.1205, -12.0971



Tritanomaly

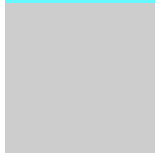
87.4483, -30.3739, -10.7906

Monochromacy



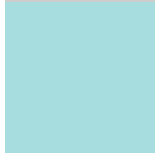
Original Color

87.8519, -37.7298, -10.3760



Achromatopsia

78.1342, -4.1690, 4.2452



Achromatomaly

80.8489, -19.3396, -1.7160

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.8519, -37.7298, -10.3760 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(102, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(102, 248, 255)  
}
```

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(102, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 248, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 87.8519, -37.7298, -10.3760 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(102, 248, 255) }
```


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

```
.border{ border-color:rgb(102, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(102, 248,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.8519, -37.7298, -10.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 248, 255) }
```

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

```
.background{ background-color: rgb(102,  
248, 255) }
```

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