

Converting Colors

HunterLab(84.5455, -51.5628,
5.6347)

Have a look what the booklet for
HunterLab(84.5455, -51.5628,
5.6347) contains.

HunterLab(84.5455, -51.5628, 5.6347)	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(84.5455,
-51.5628, 5.6347)**

Conversions

Conversions Part 1

Format	Color
Hex	00F7D8
RGB	0, 247, 216
RGB Percent	0%, 97%, 85%
CMY	0.9998, 0.0314, 0.1529
CMYK	1.00, 0.00, 0.13, 0.03
HSL	172°, 100%, 48%
HSV	172°, 100%, 97%
XYZ	45.6554, 71.4794, 76.3564
YIQ	169.6130, -137.2610, -62.0050

Conversions

Conversions Part 2

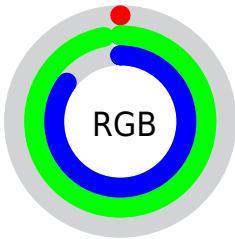
Format	Color
RYB	0, 132, 247
Decimal	63448
CIELab	87.72, -55.48, 1.14
CIELCh	88, 55.488, 178.827
Yxy	71.4821, 0.2360, 0.3694
Android (android.graphics.Color)	4278253528 (0xFF00F7D8)
YUV	169.6130, 22.8688, -148.7506
Hunter-Lab	84.5455, -51.5628, 5.6347

Details

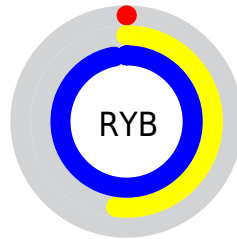
The HunterLab color **84.5455, -51.5628, 5.6347** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **44.5816, 76.5634, 27.0825**, and the grayscale version is **63.1982, -3.3721, 3.4337**.

A 20% lighter version of the original color is **90.8036, -38.9693, -6.5033**, and **62.7695, -39.1898, 6.1431** is the 20% darker color. If you saturate the color by 10%, you get **84.5467, -51.5651, 5.6382**, and if you desaturate by 10%, it is **84.7628, -50.5033, 4.4189**.

Distribution



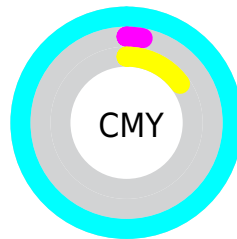
- Red (0%)
- Green (97%)
- Blue (85%)



- Red (0%)
- Yellow (52%)
- Blue (97%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (3%)





- Cyan (100%)
- Magenta (3%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.5455, -51.5628, 5.6347 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 84.5455, -51.5628, 5.6347 by changing the saturation by 10% instead.


 84.5455, -51.5628,
5.6347


 84.5455, -51.5628,
5.6347


215.8094,
-79.7641, 13.1637


 72.6194, -47.9870,
4.9346


 110.1454,
-58.3476, 7.1255


 61.3122, -44.2529,
4.2645


 123.7660,
-61.5944, 7.9121


 50.6617, -40.3227,
3.6267


 137.9060,
-64.7634, 8.7254

 40.7112, -36.1441,
3.0229

 152.5468,
-67.8656, 9.5644

 31.5139, -31.6412,
2.4548

 167.6720,
-70.9098, 10.4284

 23.1374, -26.7001,
1.9246

183.2665,

 15.6718, -21.6154,

-73.9036, 11.3167

1.4346

199.3165,
-76.8532, 12.2287

■ 9.2440, -16.1770,
1.0125

0.0000, NaN, NaN

■ 84.5455, -51.5628,
5.6347

■ 84.5455, -51.5628,
5.6347

■ 84.5467, -51.5651,
5.6382

■ 84.7628, -50.5033,
4.4189

■ 85.1310, -48.8323,
3.3726

■ 85.6963, -46.3844,
2.5587

■ 86.4825, -43.0846,
2.0132

■ 87.5065, -38.8946,
1.7623

■ 88.7800, -33.8065,
1.8229

■ 90.3098, -27.8385,
2.2038

■ 92.0989, -21.0303,
2.9057

■ 94.1465, -13.4378,
3.9227

Harmonies

Analogous

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



84.5471, -45.5333, 26.9038



84.5455, -51.5628, 5.6347



84.5471, -46.4044, -23.7440

Triad

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



84.5471, -51.5631, 5.6357



84.5471, 22.8092, -53.1068



84.5471, 24.9453, 37.5542

Complementary

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



84.5455, -51.5628, 5.6347



44.5816, 76.5634, 27.0825

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.



84.5471, 47.5490, 25.6178



84.5455, -51.5628, 5.6347



84.5471, 46.2079, -26.1478

Square

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



84.5471, -51.5631, 5.6357



84.5471, -5.6064, -63.5842



84.5471, 55.7846, 3.5554



84.5471, -3.4196, 41.2705

Rectangle

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



84.5455, -51.5628, 5.6347



84.5471, -36.8832, -43.2707



84.5471, 55.7846, 3.5554



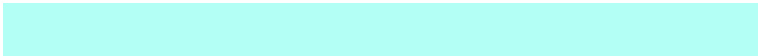
84.5471, 33.5980, 34.6096

Sweetspot

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



84.5471, -51.5631, 5.6357



93.6275, -28.9122, 2.2811



81.7600, -69.0935, 49.1695



42.9917, -14.6344, 0.9598

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.5471, -51.5631, 5.6357



87.6625, -53.4764, 5.8698



55.3585, -4.1602, -60.2094



43.2665, -5.9860, 1.8276



61.4960, -37.4272, 3.9300



18.2582, -10.9333, 0.7806

Inverse Universe

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



44.5816, 76.5634, 27.0825



46.2216, 79.3816, 28.1173



52.1430, 52.7545, 33.0522



40.6403, 1.7185, 2.8377



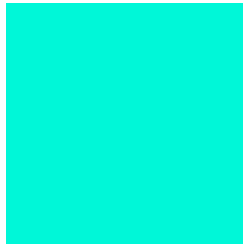
32.4365, 55.7438, 19.4457



9.6710, 16.7287, 4.9559

Previews

White Background



This preview shows how the HunterLab color 84.5455, -51.5628, 5.6347 looks on a white background.

Color Contrast Check

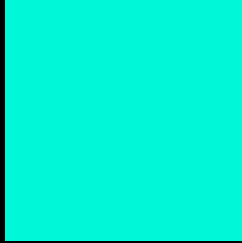
Large Text (above 18pt) WCAG AA × Fail

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 84.5455, -51.5628, 5.6347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

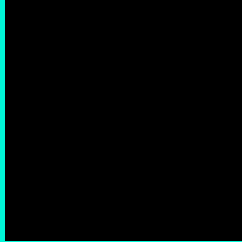
Any Text WCAG AA ✓ Pass

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 84.5455, -51.5628, 5.6347 Background



This preview shows how black text looks on a background with the HunterLab color 84.5455, -51.5628, 5.6347.



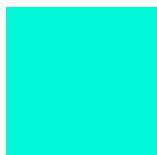
This preview shows how white text looks on a background with the HunterLab color 84.5455, -51.5628, 5.6347.

-51.5628, 5.6347.

Color Blindness Simulation

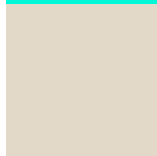
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



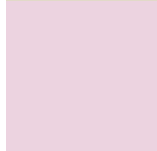
Original Color

84.5455, -51.5628, 5.6347



Protanopia

83.6448, -4.2478, 12.7342



Deuteranopia

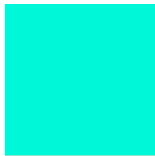
83.5483, 6.2094, 1.5456



Tritanopia

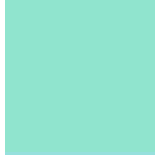
84.4821, -32.7974, -14.9129

Trichromacy



Original Color

84.5455, -51.5628, 5.6347



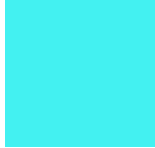
Protanomaly

81.1618, -31.2195, 6.8083



Deuteranomaly

80.6324, -25.3618, -1.0590



Tritanomaly

83.9373, -41.3112, -7.7841

Monochromacy



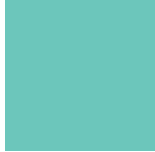
Original Color

84.5455, -51.5628, 5.6347



Achromatopsia

63.4017, -3.3830, 3.4447



Achromatomaly

68.6762, -28.3082, 1.2341

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.5455, -51.5628, 5.6347 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(0, 247, 216)` looks like.

```
.text, #text, p{  
    color:rgb(0, 247, 216)  
}
```

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(0, 247, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 247, 216) }
```

Border

The CSS property to change the border of an element to HunterLab 84.5455, -51.5628, 5.6347 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(0, 247, 216) }
```


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

```
.border{ border-color:rgb(0, 247, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 247, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 247, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 247, 216); box-shadow:4px 4px 4px 4px rgb(0, 247, 216) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.5455, -51.5628, 5.6347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 247, 216) }
```

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

```
.background{ background-color: rgb(0, 247,  
216) }
```

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