Converting Colors

HunterLab(79.0651, -36.3284, -20.3563)

Have a look what the booklet for HunterLab(79.0651, -36.3284, -20.3563) contains.

HunterLab(79.0306, -36.2850, -20.4068) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 28
- ***CSS Examples*** 31

Color

HunterLab(79.0306, -36.2850, -20.4068)

Conversions

Conversions Part 1

Format	Color
Hex	01E4FB
RGB	1, 228, 251
RGB Percent	0%, 89%, 98%
CMY	0.9958, 0.1059, 0.0157
CMYK	1.00, 0.09, 0.00, 0.02
HSL	186°, 99%, 49%
HSV	186°, 100%, 98%
XYZ	45.1686, 62.4584, 100.9419
YIQ	162.7490, -142.6750, -40.9710

Conversions

Conversions Part 2

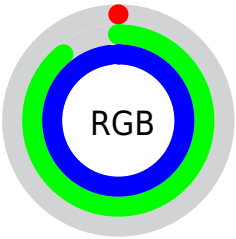
Format	Color
RYB	1, 120, 251
Decimal	124155
CIELab	83.16, -37.21, -24.05
CIELCh	83, 44.312, 212.877
Yxy	62.4606, 0.2166, 0.2995
Android (android.graphics.Color)	4278314235 (0xFF01E4FB)
YUV	162.7490, 43.5077, -141.8539
Hunter-Lab	79.0306, -36.2850, -20.4068

Details

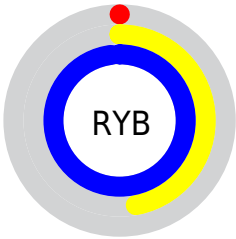
The HunterLab color 79.0306, -36.2850, -20.4068 is a light color, and the websafe version is hex 33CCCC. The color can be described as light saturated cyan. A complement of this color would be 46.0088, 75.1309, 29.6260, and the grayscale version is 60.2950, -3.2172, 3.2759.

A 20% lighter version of the original color is 90.8416, -38.8231, -6.4516, and 57.7928, -25.4967, -17.1959 is the 20% darker color. If you saturate the color by 10%, you get 78.9932, -36.2587, -20.4626, and if you desaturate by 10%, it is 79.9719, -36.7699, -19.0303.

Distribution

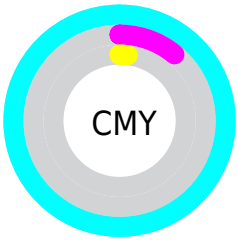


- Red (0%)
- Green (89%)
- Blue (98%)



- Red (0%)
- Yellow (47%)
- Blue (98%)

- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.0306, -36.2850, -20.4068 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 79.0306, -36.2850, -20.4068 by changing the saturation by 10% instead.

79.0306, -36.2850, -20.4068

208.2329, -57.3229, -20.6572

104.1110, -41.2408, -20.8124

117.4881, -43.6361, -20.9335

131.3936, -45.9890, -21.0030

145.8082, -48.3063, -21.0235

160.7144, -50.5941, -20.9971

176.0966,

79.0306, -36.2850, -20.4068

67.3832, -33.6984, -20.1149

56.3707, -31.0155, -19.7635

46.0335, -28.2094, -19.3514

36.4192, -25.2422, -18.8828

27.5868, -22.0566, -18.3719

19.6128, -18.5613, -17.8598

12.6021, -15.3112,

-52.8569, -20.9260

191.9404, -55.0987, -20.8121

79.0306, -36.2850, -20.4068

78.9932, -36.2587, -20.4626

-17.4708

5.9126, -10.3470, -21.2494

0.0000, NaN, -NF

79.0306, -36.2850, -20.4068

79.9719, -36.7699, -19.0303

81.0805, -36.6053, -17.4191

82.3984, -35.6391, -15.5227

83.9452, -33.8073, -13.3273

85.7328, -31.0843, -10.8340

87.7673, -27.4740, -8.0541

90.0501, -23.0038, -5.0061

92.5790, -17.7187, -1.7139

95.3488, -11.6758, 1.7966

Harmonies

Analogous

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

79.0320, -41.7088, 2.2848

79.0306, -36.2850, -20.4068

79.0320, -22.3498, -39.7791

Triad

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

79.0320, -36.2848, -20.4056

79.0320, 36.4272, -16.0061

79.0320, -6.3035, 34.5523

Complementary

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

79.0306, -36.2850, -20.4068

46.0088, 75.1309, 29.6260

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.

79.0320, 15.7047, 32.0922

79.0306, -36.2850, -20.4068

79.0320, 41.8921, 6.2673

Square

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

79.0320, -36.2848, -20.4056

79.0320, 19.7153, -36.7951

79.0320, 33.9418, 22.9495

79.0320, -25.6095, 30.8937

Rectangle

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

79.0306, -36.2850, -20.4068

79.0320, -9.3264, -46.0564

79.0320, 33.9418, 22.9495

79.0320, 1.0170, 34.4113

Sweetspot

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

79.0320, -36.2848, -20.4056

91.5722, -23.6452, -5.2430

83.1022, -70.9915, 49.4264

41.8998, -11.8686, -3.0439

0.0000, NaN, NaN

46.2646, -2.4686, 2.5136

Same Dimension

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

79.0320, -36.2848, -20.4056

80.4187, -36.9076, -20.8436

41.3740, 24.6641, -104.8631

43.9538, -5.3577, 0.8411

57.3707, -26.4134, -14.6894

17.6798, -8.3136, -4.1517

Inverse Universe

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

51.1219, 98.3876, -51.9055

52.0190, 100.2332, -52.8120

64.2941, 26.8636, 40.0596

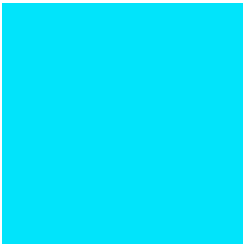
41.8275, 3.2764, -1.1047

37.0589, 71.4328, -37.8234

11.3127, 21.8600, -11.9662

Previews

White Background



This preview shows how the HunterLab color 79.0306, -36.2850, -20.4068 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 79.0306, -36.2850, -20.4068 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 79.0306, -36.2850, -20.4068 Background

This preview shows how black text looks on a background with the HunterLab color 79.0306, -36.2850, -20.4068.

This preview shows how white text looks on a background with the HunterLab color 79.0306,

-36.2850, -20.4068.

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
79.0306, -36.2850, -20.4068

Protanopia
78.3985, 0.3406, -11.1256

Deuteranopia
78.4877, 5.2955, -23.0107

Tritanopia
78.8684, -37.2322, -18.2050

Trichromacy

Original Color
79.0306, -36.2850, -20.4068

Protanomaly
76.5040, -20.5496, -17.7125

Deuteranomaly
76.3258, -16.7868, -26.0998

Tritanomaly
78.9076, -37.0008, -18.7535

Monochromacy

Original Color
79.0306, -36.2850, -20.4068

Achromatopsia
60.5188, -3.2291, 3.2881

Achromatomaly
65.1336, -22.6434, -7.2591

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.0306, -36.2850, -20.4068 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(1, 228, 251) looks like.

```
.text, #text, p{
    color:rgb(1, 228, 251)
}
```

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(1, 228, 251) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(1, 228, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 228, 251) }
```

Border

The CSS property to change the border of an element to HunterLab 79.0306, -36.2850, -20.4068 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(1, 228, 251) }
```

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

```
.border{ border-color:rgb(1, 228, 251) }
```

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

Here you see how a box with a 4 pixel rgb(1, 228, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(1, 228, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(1, 228, 251); box-shadow:4px 4px 4px 4px rgb(1, 228, 251) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.0306, -36.2850, -20.4068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(1, 228, 251) }
```

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

```
.background{ background-color:rgb(1, 228, 251) }
```

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