

Converting Colors

HunterLab(62.8225, -12.8149,
-50.8014)

Have a look what the booklet for
HunterLab(62.8225, -12.8149,
-50.8014) contains.

HunterLab(62.8225, -12.8149, -50.8014)	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(62.8225,
-12.8149, -50.8014)**

Conversions

Conversions Part 1

Format	Color
Hex	01B3FF
RGB	1, 179, 255
RGB Percent	0%, 70%, 100%
CMY	0.9958, 0.2980, 0.0000
CMYK	1.00, 0.30, 0.00, 0.00
HSL	198°, 100%, 50%
HSV	198°, 100%, 100%
XYZ	34.1826, 39.4667, 100.4240
YIQ	134.4420, -130.4840, -14.1000

Conversions

Conversions Part 2

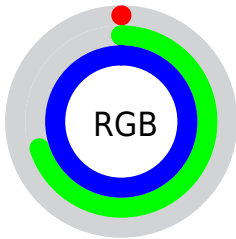
Format	Color
R _Y B	1, 106, 255
Decimal	111615
CIE Lab	69.09, -11.19, -47.98
CIE LCh	69, 49.263, 256.874
Yxy	39.4679, 0.1964, 0.2267
Android (android.graphics.Color)	4278301695 (0xFF01B3FF)
YUV	134.4420, 59.4351, -117.0286
Hunter-Lab	62.8225, -12.8149, -50.8014

Details

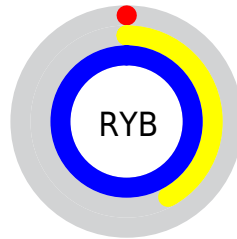
The HunterLab color **62.8225, -12.8149, -50.8014** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle saturated azure. A complement of this color would be **51.5566, 61.7849, 32.8150**, and the grayscale version is **48.8199, -2.6049, 2.6525**.

A 20% lighter version of the original color is **83.7540, -30.2712, -15.8945**, and **43.8816, -4.4582, -45.2243** is the 20% darker color. If you saturate the color by 10%, you get **62.7150, -12.6788, -51.0183**, and if you desaturate by 10%, it is **65.4468, -15.8443, -45.6571**.

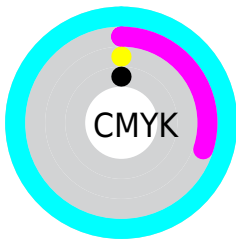
Distribution



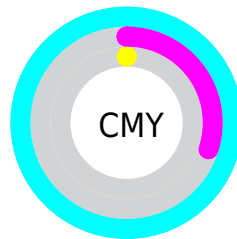
- Red (0%)
- Green (70%)
- Blue (100%)



- Red (0%)
- Yellow (42%)
- Blue (100%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.8225, -12.8149, -50.8014 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 62.8225, -12.8149, -50.8014 by changing the saturation by 10% instead.

62.8225, -12.8149,
-50.8014

62.8225, -12.8149,
-50.8014

185.4389,
-23.6891, -56.5335

52.0806, -11.6310,
-50.1049

86.2279, -15.1792,
-52.2666

42.0313, -10.4398,
-49.5093

98.8241, -16.3676,
-52.9850

32.7272, -9.2319,
-49.1278

111.9801,
-17.5630, -53.6750

24.2335, -7.9934,
-49.1967

125.6731,
-18.7671, -54.3294

16.6367, -6.7000,
-50.2640

139.8827,
-19.9809, -54.9441

10.0585, -5.4772,
-53.8796

154.5909,

0.0000, NaN, -NF

-21.2054, -55.5170

0.0000, NaN, -NF

169.7812,
-22.4413, -56.0469

0.0000, NaN, -NF

■ 62.8225, -12.8149,
-50.8014

■ 62.8225, -12.8149,
-50.8014

■ 62.7150, -12.6788,
-51.0183

■ 65.4468, -15.8443,
-45.6571

■ 68.3039, -18.0795,
-40.3505

■ 71.4249, -19.3953,
-34.8620

■ 74.8129, -19.7772,
-29.2245

■ 78.4625, -19.2518,
-23.4790

■ 82.3632, -17.8707,
-17.6653

■ 86.5022, -15.6994,
-11.8182

■ 90.8653, -12.8087,
-5.9655

■ 95.4377, -9.2697,
-0.1284

Harmonies

Analogous

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



62.8235, -30.1023, -34.3046



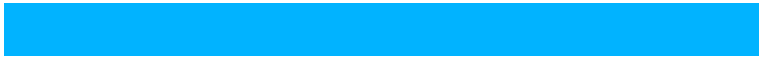
62.8225, -12.8149, -50.8014



62.8235, 9.6037, -49.5866

Triad

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



62.8235, -12.8144, -50.7994



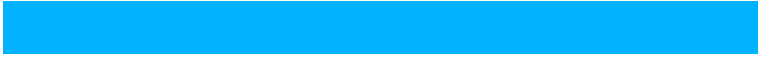
62.8235, 43.2535, 14.1606



62.8235, -31.7294, 25.4285

Complementary

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



62.8225, -12.8149, -50.8014



51.5566, 61.7849, 32.8150

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.



62.8235, -15.3425, 31.2992



62.8225, -12.8149, -50.8014



62.8235, 28.7831, 26.5277

Square

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



62.8235, -12.8144, -50.7994



62.8235, 44.1814, -6.5840



62.8235, 6.6984, 31.6151



62.8235, -39.9497, 12.0082

Rectangle

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



62.8225, -12.8149, -50.8014



62.8235, 24.5495, -38.8291



62.8235, 6.6984, 31.6151



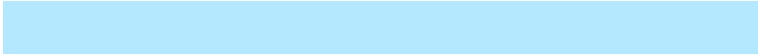
62.8235, -27.1061, 28.1096

Sweetspot

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



62.8235, -12.8144, -50.7994



86.3226, -15.8063, -12.0658



84.8577, -70.7194, 46.6440



39.1183, -7.7727, -6.7236

0.0000, NaN, NaN



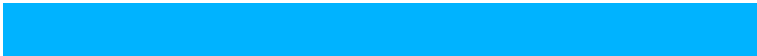
46.2646, -2.4686, 2.5136

Same Dimension

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



62.8235, -12.8144, -50.7994



62.7150, -12.6788, -51.0183



31.7246, 54.0999, -156.3165



44.1696, -4.2757, -0.0398



45.6348, -9.6189, -36.2752



14.8963, -3.9704, -10.0482

Inverse Universe

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



49.5360, 91.2807, -18.9248



49.4992, 91.3177, -18.7800



79.0970, 1.2633, 48.7381



42.6641, 2.9373, -0.0135



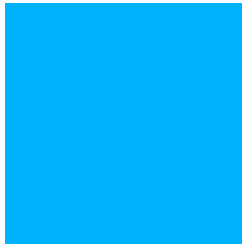
35.8194, 66.1477, -14.1087



11.2630, 20.9479, -5.5871

Previews

White Background



This preview shows how the HunterLab color 62.8225, -12.8149, -50.8014 looks on a white background.

Color Contrast Check

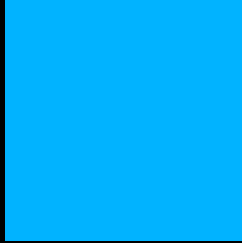
Large Text (above 18pt) WCAG AA × Fail

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 62.8225, -12.8149, -50.8014 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

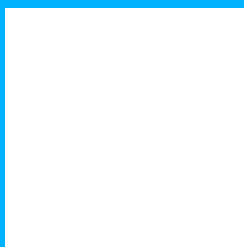
Any Text WCAG AAA ✓ Pass

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

HunterLab 62.8225, -12.8149, -50.8014 Background



This preview shows how black text looks on a background with the HunterLab color 62.8225, -12.8149, -50.8014.



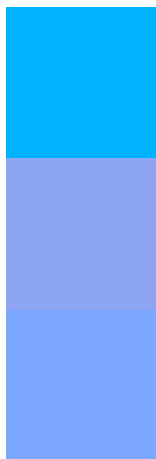
This preview shows how white text looks on a background with the HunterLab color 62.8225, -12.8149, -50.8014.

-12.8149, -50.8014.

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

62.8225, -12.8149, -50.8014

Protanopia

62.5557, 6.9148, -41.6999

Deuteranopia

62.5640, 5.1523, -51.0151



Tritanopia

62.6801, -29.9968, -13.5901

Trichromacy



Original Color

62.8225, -12.8149, -50.8014

Protanomaly

61.3914, -4.2811, -47.2296

Deuteranomaly

61.6507, -4.1272, -53.0685

Tritanomaly

62.4774, -24.0481, -26.1785

Monochromacy



Original Color

62.8225, -12.8149, -50.8014

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

51.9668, -12.6953, -16.2555

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.8225, -12.8149, -50.8014 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, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(1, 179, 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(1, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 179, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 62.8225, -12.8149, -50.8014 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, 179, 255) }
```


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

```
.border{ border-color:rgb(1, 179, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(1, 179,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.8225, -12.8149, -50.8014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 179, 255) }
```

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

```
.background{ background-color: rgb(1, 179,  
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](#).

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