

Converting Colors

HunterLab(52.6826, -44.6928,
-145.1081)

Have a look what the booklet for
HunterLab(52.6826, -44.6928,
-145.1081) contains.

HunterLab(62.8174, -12.8336, -50.8122)	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(62.8174,
-12.8336, -50.8122)**

Conversions

Conversions Part 1

Format	Color
Hex	00B3FF
RGB	0, 179, 255
RGB Percent	0%, 70%, 100%
CMY	0.9997, 0.2980, 0.0000
CMYK	1.00, 0.30, 0.00, 0.00
HSL	198°, 100%, 50%
HSV	198°, 100%, 100%
XYZ	34.1701, 39.4603, 100.4235
YIQ	134.1430, -131.0800, -14.3120

Conversions

Conversions Part 2

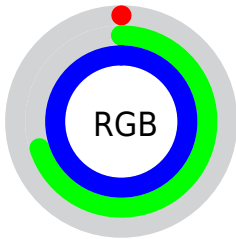
Format	Color
RYB	0, 105, 255
Decimal	46079
CIELab	69.08, -11.21, -47.98
CIELCh	69, 49.275, 256.849
Yxy	39.4615, 0.1963, 0.2267
Android (android.graphics.Color)	4278236159 (0xFF00B3FF)
YUV	134.1430, 59.5825, -117.6434
Hunter-Lab	62.8174, -12.8336, -50.8122

Details

The HunterLab color **62.8174, -12.8336, -50.8122** 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 **51.4192, 62.1707, 32.7701**, and the grayscale version is **48.7010, -2.5986, 2.6460**.

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 **62.8107, -12.8235, -50.8256**, and if you desaturate by 10%, it is **65.4270, -15.8671, -45.6955**.

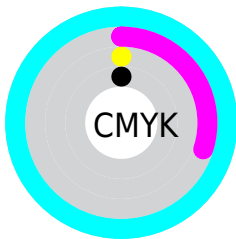
Distribution



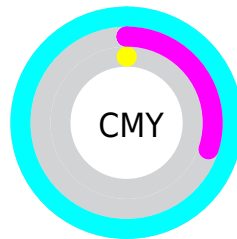
- Red (0%)
- Green (70%)
- Blue (100%)



- Red (0%)
- Yellow (41%)
- 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 62.8174, -12.8336, -50.8122 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 62.8174, -12.8336, -50.8122 by changing the saturation by 10% instead.

62.8174, -12.8336,
-50.8122

62.8174, -12.8336,
-50.8122

185.4315,
-23.7171, -56.5454

52.0758, -11.6484,
-50.1157

86.2223, -15.2004,
-52.2774

42.0268, -10.4557,
-49.5202

98.8182, -16.3898,
-52.9960

32.7231, -9.2463,
-49.1391

111.9739,
-17.5863, -53.6860

24.2298, -8.0061,
-49.2089

125.6666,
-18.7914, -54.3406

16.6334, -6.7107,
-50.2778

139.8760,
-20.0062, -54.9555

10.0557, -5.4878,
-53.8975

154.5840,

0.0000, NaN, -NF

-21.2316, -55.5285

0.0000, NaN, -NF

169.7741,
-22.4684, -56.0586

0.0000, NaN, -NF

■ 62.8174, -12.8336,
-50.8122

■ 62.8174, -12.8336,
-50.8122

■ 62.8107, -12.8235,
-50.8256

■ 65.4270, -15.8671,
-45.6955

■ 68.2651, -18.1223,
-40.4219

■ 71.3662, -19.4607,
-34.9639

■ 74.7341, -19.8654,
-29.3537

■ 78.3636, -19.3613,
-23.6320

■ 82.2448, -17.9992,
-17.8387

■ 86.3647, -15.8437,
-12.0088

■ 90.7093, -12.9654,
-6.1705

■ 95.2640, -9.4357,
-0.3456

Harmonies

Analogous

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



62.8184, -30.1185, -34.2976



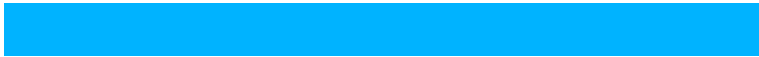
62.8174, -12.8336, -50.8122



62.8184, 9.5881, -49.6128

Triad

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



62.8184, -12.8331, -50.8101



62.8184, 43.2732, 14.1488



62.8184, -31.7246, 25.4392

Complementary

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



62.8174, -12.8336, -50.8122



51.4192, 62.1707, 32.7701

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.



62.8184, -15.3286, 31.3046



62.8174, -12.8336, -50.8122



62.8184, 28.8077, 26.5240

Square

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



62.8184, -12.8331, -50.8101



62.8184, 44.1891, -6.6066



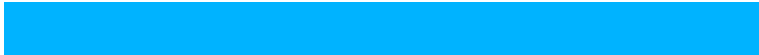
62.8184, 6.7202, 31.6163



62.8184, -39.9531, 12.0243

Rectangle

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



62.8174, -12.8336, -50.8122



62.8184, 24.5396, -38.8593



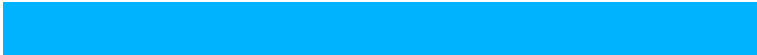
62.8184, 6.7202, 31.6163



62.8184, -27.0982, 28.1184

Sweetspot

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



62.8184, -12.8331, -50.8101



86.3519, -15.8513, -12.0263



84.8483, -70.7705, 46.7235



39.1338, -7.7962, -6.7023

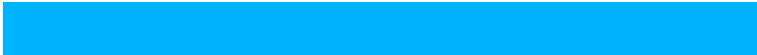
0.0000, NaN, NaN



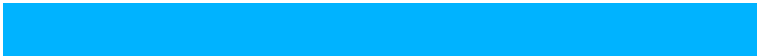
46.2646, -2.4686, 2.5136

Same Dimension

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



62.8184, -12.8331, -50.8101



62.8107, -12.8235, -50.8256



31.5950, 54.4920, -157.1148



44.1738, -4.2826, -0.0347



45.7030, -9.7214, -36.1392



14.9154, -3.9980, -10.0124

Inverse Universe

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



49.5141, 91.3589, -18.9596



49.5114, 91.3615, -18.9494



79.0321, 1.3658, 48.7215



42.6646, 2.9397, -0.0198



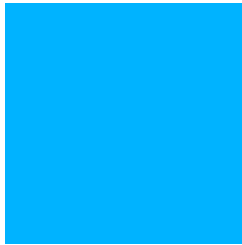
35.8282, 66.1791, -14.2300



11.2656, 20.9569, -5.6221

Previews

White Background



This preview shows how the HunterLab color 62.8174, -12.8336, -50.8122 looks on a white background.

Color Contrast Check

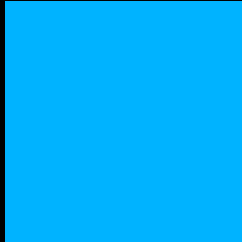
Large Text (above 18pt) WCAG AA × Fail

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 62.8174, -12.8336, -50.8122 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

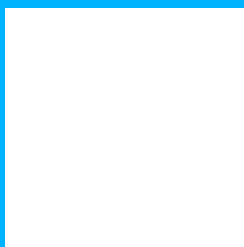
Any Text WCAG AAA ✓ Pass

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

HunterLab 62.8174, -12.8336, -50.8122 Background



This preview shows how black text looks on a background with the HunterLab color 62.8174, -12.8336, -50.8122.



This preview shows how white text looks on a background with the HunterLab color 62.8174,

-12.8336, -50.8122.

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

62.8174, -12.8336, -50.8122

Protanopia

62.5557, 6.9148, -41.6999

Deuteranopia

62.5640, 5.1523, -51.0151



Tritanopia

62.6801, -29.9968, -13.5901

Trichromacy



Original Color

62.8174, -12.8336, -50.8122

Protanomaly

61.3502, -4.4249, -47.3144

Deuteranomaly

61.6507, -4.1272, -53.0685

Tritanomaly

62.4774, -24.0481, -26.1785

Monochromacy



Original Color

62.8174, -12.8336, -50.8122

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

51.9214, -12.8618, -16.3284

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.8174, -12.8336, -50.8122 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, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 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(0, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 179, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 62.8174, -12.8336, -50.8122 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, 179, 255) }
```


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

```
.border{ border-color:rgb(0, 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(0, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 179,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.8174, -12.8336, -50.8122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 179, 255) }
```

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

```
.background{ background-color: rgb(0, 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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