

Converting Colors

HunterLab(62.0949, -17.1787,
-40.5294)

Have a look what the booklet for
HunterLab(62.0949, -17.1787,
-40.5294) contains.

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Color

**HunterLab(62.0737,
-17.0457, -40.7900)**

Conversions

Conversions Part 1

Format	Color
Hex	00B3F0
RGB	0, 179, 240
RGB Percent	0%, 70%, 94%
CMY	0.9997, 0.2980, 0.0588
CMYK	1.00, 0.25, 0.00, 0.06
HSL	195°, 100%, 47%
HSV	195°, 100%, 94%
XYZ	31.8483, 38.5314, 88.1968
YIQ	132.4330, -126.2650, -18.9770

Conversions

Conversions Part 2

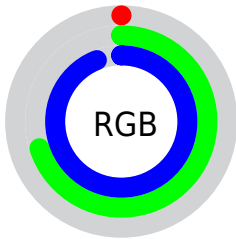
Format	Color
RYB	0, 103, 240
Decimal	46064
CIELab	68.41, -16.55, -40.90
CIELCh	68, 44.121, 247.966
Yxy	38.5327, 0.2008, 0.2430
Android (android.graphics.Color)	4278236144 (0xFF00B3F0)
YUV	132.4330, 53.0305, -116.1437
Hunter-Lab	62.0737, -17.0457, -40.7900

Details

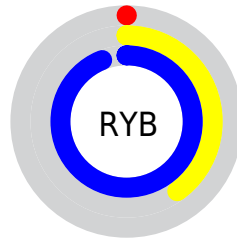
The HunterLab color **62.0737, -17.0457, -40.7900** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle saturated azure. A complement of this color would be **46.7654, 61.7080, 29.8945**, and the grayscale version is **48.0476, -2.5637, 2.6105**.

A 20% lighter version of the original color is **83.6371, -30.7142, -16.0679**, and **42.8747, -7.9493, -36.4294** is the 20% darker color. If you saturate the color by 10%, you get **62.0690, -17.0386, -40.7995**, and if you desaturate by 10%, it is **64.2087, -19.2987, -36.8964**.

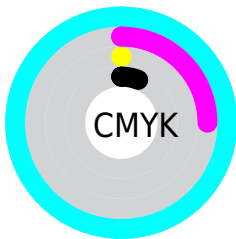
Distribution



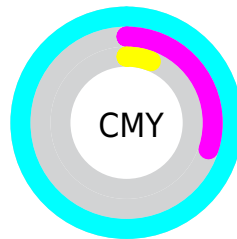
- Red (0%)
- Green (70%)
- Blue (94%)



- Red (0%)
- Yellow (40%)
- Blue (94%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (30%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.0737, -17.0457, -40.7900 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 62.0737, -17.0457, -40.7900 by changing the saturation by 10% instead.

62.0737, -17.0457,
-40.7900

62.0737, -17.0457,
-40.7900

184.3637,
-30.0565, -45.4315

51.3774, -15.5550,
-40.1098

85.3955, -19.9663,
-42.1087

41.3769, -14.0321,
-39.4623

97.9529, -21.4104,
-42.7189

32.1254, -12.4606,
-38.9193

111.0717,
-22.8493, -43.2865

23.6895, -10.8156,
-38.6352

124.7290,
-24.2864, -43.8087

16.1572, -9.0542,
-38.9777

138.9042,
-25.7238, -44.2842

9.6539, -8.0007,
-41.0156

153.5791,

0.0000, NaN, -NF

-27.1637, -44.7128

0.0000, NaN, -NF

168.7373,
-28.6075, -45.0950

0.0000, NaN, -NF

■ 62.0737, -17.0457,
-40.7900

■ 62.0737, -17.0457,
-40.7900

■ 62.0690, -17.0386,
-40.7995

■ 64.2087, -19.2987,
-36.8964

■ 66.5375, -20.8672,
-32.8245

■ 69.0967, -21.6113,
-28.5399

■ 71.8934, -21.5053,
-24.0628

■ 74.9271, -20.5614,
-19.4244

■ 78.1917, -18.8169,
-14.6585

■ 81.6784, -16.3239,
-9.7979

■ 85.3764, -13.1429,
-4.8716

■ 89.2739, -9.3370,
0.0961

Harmonies

Analogous

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



62.0747, -30.7251, -23.4842



62.0737, -17.0457, -40.7900



62.0747, 2.0838, -44.6373

Triad

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



62.0747, -17.0451, -40.7888



62.0747, 39.3673, 8.2205



62.0747, -25.1708, 25.7920

Complementary

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



62.0737, -17.0457, -40.7900



46.7654, 61.7080, 29.8945

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.



62.0747, -8.5363, 29.7211



62.0737, -17.0457, -40.7900



62.0747, 29.8696, 21.8786

Square

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



62.0747, -17.0451, -40.7888



62.0747, 36.3411, -11.9084



62.0747, 11.7219, 28.5585



62.0747, -34.9877, 15.5559

Rectangle

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



62.0737, -17.0457, -40.7900



62.0747, 15.6924, -38.2002



62.0747, 11.7219, 28.5585



62.0747, -20.2799, 27.7192

Sweetspot

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



62.0747, -17.0451, -40.7888



87.4512, -17.5254, -10.5618



79.1505, -66.3963, 44.4023



39.7154, -8.6722, -5.9099

0.0000, NaN, NaN



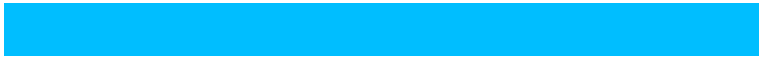
46.2646, -2.4686, 2.5136

Same Dimension

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



62.0747, -17.0451, -40.7888



66.4237, -18.1538, -43.8350



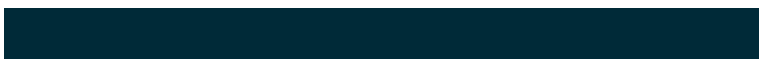
30.8685, 46.2941, -138.5110



41.4835, -4.2343, 0.1594



46.1665, -12.9562, -29.7354



13.8958, -4.5551, -7.5355

Inverse Universe

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



46.6708, 86.8909, -23.9011



49.9852, 93.0535, -25.4702



71.5367, 5.2125, 44.1703



39.9484, 2.8005, -0.2229



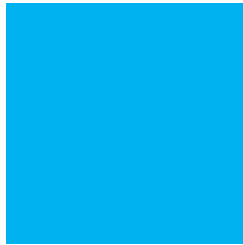
34.5615, 64.4069, -18.1267



10.0481, 18.8598, -6.3137

Previews

White Background



This preview shows how the HunterLab color 62.0737, -17.0457, -40.7900 looks on a white background.

Color Contrast Check

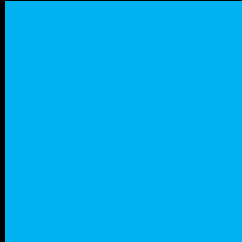
Large Text (above 18pt) WCAG AA × Fail

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 62.0737, -17.0457, -40.7900 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

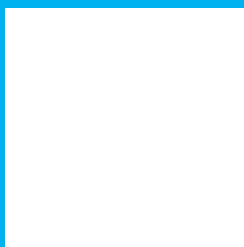
Any Text WCAG AAA ✓ Pass

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

HunterLab 62.0737, -17.0457, -40.7900 Background



This preview shows how black text looks on a background with the HunterLab color 62.0737, -17.0457, -40.7900.



This preview shows how white text looks on a background with the HunterLab color 62.0737, -17.0457, -40.7900.

-17.0457, -40.7900.

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

62.0737, -17.0457, -40.7900

Protanopia

61.6432, 5.4428, -32.5173

Deuteranopia

61.9418, 4.8704, -42.9104



Tritanopia

61.9340, -29.6065, -13.5002

Trichromacy



Original Color

62.0737, -17.0457, -40.7900



Protanomaly

60.4829, -7.3633, -37.6978



Deuteranomaly

60.9028, -6.4955, -44.3655



Tritanomaly

61.8547, -25.3131, -22.6693

Monochromacy



Original Color

62.0737, -17.0457, -40.7900



Achromatopsia

48.0354, -2.5630, 2.6099



Achromatomaly

51.3030, -14.0899, -13.1602

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.0737, -17.0457, -40.7900 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(0, 179, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 179, 240) }
```

Border

The CSS property to change the border of an element to HunterLab 62.0737, -17.0457, -40.7900 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, 240) }
```


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

```
.border{ border-color:rgb(0, 179, 240) }
```

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, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 179, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 179, 240);  
box-shadow:4px 4px 4px 4px rgb(0, 179,  
240) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.0737, -17.0457, -40.7900 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, 240) }
```

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

```
.background{ background-color: rgb(0, 179,  
240) }
```

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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