

Converting Colors

HunterLab(64.4013, -17.6550,
-42.3840)

Have a look what the booklet for
HunterLab(64.4013, -17.6550,
-42.3840) contains.

HunterLab(64.4013, -17.6550, -42.3840)	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(64.4013,
-17.6550, -42.3840)**

Conversions

Conversions Part 1

Format	Color
Hex	00B9F8
RGB	0, 185, 248
RGB Percent	0%, 73%, 97%
CMY	0.9997, 0.2745, 0.0274
CMYK	1.00, 0.25, 0.00, 0.03
HSL	195°, 100%, 49%
HSV	195°, 100%, 97%
XYZ	34.2923, 41.4753, 95.0051
YIQ	136.8670, -130.4830, -19.6270

Conversions

Conversions Part 2

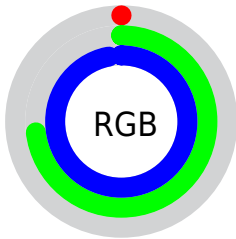
Format	Color
RYB	0, 106, 248
Decimal	47608
CIELab	70.51, -16.93, -41.96
CIELCh	71, 45.247, 248.032
Yxy	41.4767, 0.2008, 0.2429
Android (android.graphics.Color)	4278237688 (0xFF00B9F8)
YUV	136.8670, 54.7886, -120.0324
Hunter-Lab	64.4013, -17.6550, -42.3840

Details

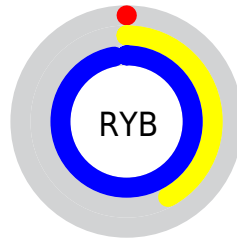
The HunterLab color **64.4013, -17.6550, -42.3840** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **48.4970, 64.1726, 31.0046**, and the grayscale version is **49.7984, -2.6571, 2.7056**.

A 20% lighter version of the original color is **85.7761, -33.1822, -13.1207**, and **45.0157, -8.7694, -37.3350** is the 20% darker color. If you saturate the color by 10%, you get **64.3962, -17.6473, -42.3943**, and if you desaturate by 10%, it is **66.6158, -20.0115, -38.3435**.

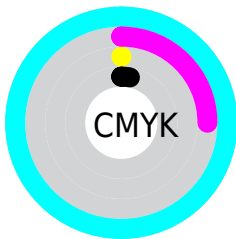
Distribution



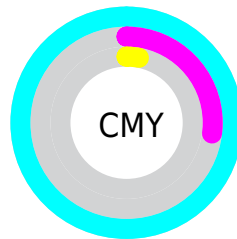
- Red (0%)
- Green (73%)
- Blue (97%)



- Red (0%)
- Yellow (42%)
- Blue (97%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (27%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.4013, -17.6550, -42.3840 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 64.4013, -17.6550, -42.3840 by changing the saturation by 10% instead.

64.4013, -17.6550,
-42.3840

64.4013, -17.6550,
-42.3840

187.6989,
-30.8103, -47.1355

53.5647, -16.1484,
-41.6949

87.9812, -20.6084,
-43.7217

43.4140, -14.6105,
-41.0372

100.6584,
-22.0689, -44.3427

34.0005, -13.0257,
-40.4782

113.8920,
-23.5243, -44.9221

25.3871, -11.3709,
-40.1598

127.6595,
-24.9775, -45.4568

17.6565, -9.6070,
-40.4081

141.9409,
-26.4310, -45.9455

10.9243, -7.8016,
-42.1218

156.7185,

2.3729, -4.1525,

-27.8866, -46.3879

-117.1230

171.9761,
-29.3460, -46.7843

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.4013, -17.6550,
-42.3840

■ 64.4013, -17.6550,
-42.3840

■ 64.3962, -17.6473,
-42.3943

■ 66.6158, -20.0115,
-38.3435

■ 69.0328, -21.6532,
-34.1156

■ 71.6894, -22.4371,
-29.6658

■ 74.5934, -22.3356,
-25.0152

■ 77.7442, -21.3610,

-20.1959

■ 81.1357, -19.5520,
-15.2433

■ 84.7585, -16.9631,
-10.1917

■ 88.6015, -13.6570,
-5.0713

■ 92.6524, -9.6997,
0.0924

Harmonies

Analogous

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



64.4024, -31.8709, -24.4347



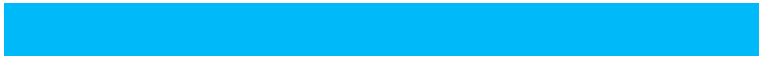
64.4013, -17.6550, -42.3840



64.4024, 2.2126, -46.3422

Triad

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



64.4024, -17.6544, -42.3827



64.4024, 40.8678, 8.5715



64.4024, -26.1593, 26.7549

Complementary

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



64.4013, -17.6550, -42.3840



48.4970, 64.1726, 31.0046

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.



64.4024, -8.9038, 30.8446



64.4013, -17.6550, -42.3840



64.4024, 30.9803, 22.7318

Square

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



64.4024, -17.6544, -42.3827



64.4024, 37.7549, -12.3162



64.4024, 12.1257, 29.6496



64.4024, -36.3322, 16.1147

Rectangle

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



64.4013, -17.6550, -42.3840



64.4024, 16.3397, -39.6348



64.4024, 12.1257, 29.6496



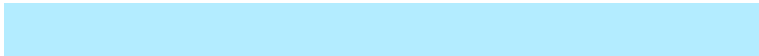
64.4024, -21.0872, 28.7594

Sweetspot

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



64.4024, -17.6544, -42.3827



87.4545, -17.5304, -10.5574



82.1489, -68.9272, 46.1182



39.7172, -8.6748, -5.9076

0.0000, NaN, NaN



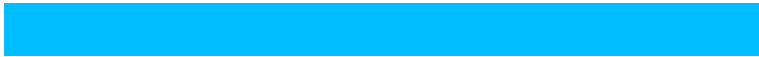
46.2646, -2.4686, 2.5136

Same Dimension

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



64.4024, -17.6544, -42.3827



66.4347, -18.1696, -43.8146



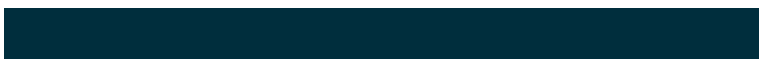
31.9826, 48.2298, -144.0818



43.3797, -4.4375, 0.1574



47.5790, -13.3286, -30.6970



15.0525, -4.8655, -8.3111

Inverse Universe

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



48.4366, 90.1727, -24.7601



49.9867, 93.0588, -25.4904



74.2175, 5.4658, 45.8266



41.7670, 2.9525, -0.2452



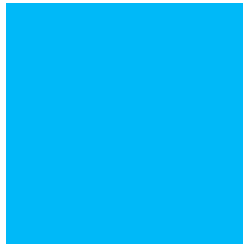
35.6317, 66.3966, -18.6512



10.9223, 20.4854, -6.7461

Previews

White Background



This preview shows how the HunterLab color 64.4013, -17.6550, -42.3840 looks on a white background.

Color Contrast Check

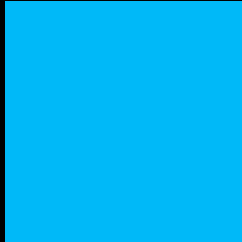
Large Text (above 18pt) WCAG AA × Fail

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 64.4013, -17.6550, -42.3840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

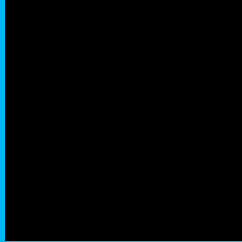
Any Text WCAG AA ✓ Pass

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 64.4013, -17.6550, -42.3840 Background



This preview shows how black text looks on a background with the HunterLab color 64.4013, -17.6550, -42.3840.



This preview shows how white text looks on a background with the HunterLab color 64.4013, -17.6550, -42.3840.

-17.6550, -42.3840.

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

64.4013, -17.6550, -42.3840

Protanopia

64.0699, 5.2591, -33.1620

Deuteranopia

64.1062, 5.4900, -45.5784



Tritanopia

64.2142, -30.5586, -14.2950

Trichromacy



Original Color

64.4013, -17.6550, -42.3840

Protanomaly

62.8431, -7.7552, -39.1892

Deuteranomaly

62.9692, -6.2384, -47.2421

Tritanomaly

64.1770, -25.9917, -24.1070

Monochromacy



Original Color

64.4013, -17.6550, -42.3840

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

53.2088, -14.5418, -13.8164

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.4013, -17.6550, -42.3840 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, 185, 248)` looks like.

```
.text, #text, p{  
  color:rgb(0, 185, 248)  
}
```

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, 185, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 185, 248) }
```

Border

The CSS property to change the border of an element to HunterLab 64.4013, -17.6550, -42.3840 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, 185, 248) }
```


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

```
.border{ border-color:rgb(0, 185, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 185, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 185, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 185, 248);  
box-shadow:4px 4px 4px 4px rgb(0, 185,  
248) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.4013, -17.6550, -42.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 185, 248) }
```

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

```
.background{ background-color: rgb(0, 185,  
248) }
```

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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