

Converting Colors

HunterLab(62.3074, -17.5012,
-58.1605)

Have a look what the booklet for
HunterLab(62.3074, -17.5012,
-58.1605) contains.

HunterLab(63.4569, -13.7955, -49.5350)	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(63.4569,
-13.7955, -49.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	00B5FF
RGB	0, 181, 255
RGB Percent	0%, 71%, 100%
CMY	0.9997, 0.2902, 0.0000
CMYK	1.00, 0.29, 0.00, 0.00
HSL	197°, 100%, 50%
HSV	197°, 100%, 100%
XYZ	34.5739, 40.2678, 100.5580
YIQ	135.3170, -131.6300, -15.3580

Conversions

Conversions Part 2

Format	Color
RYB	0, 106, 255
Decimal	46591
CIELab	69.66, -12.30, -47.08
CIELCh	70, 48.657, 255.356
Yxy	40.2690, 0.1971, 0.2296
Android (android.graphics.Color)	4278236671 (0xFF00B5FF)
YUV	135.3170, 59.0037, -118.6730
Hunter-Lab	63.4569, -13.7955, -49.5350

Details

The HunterLab color **63.4569, -13.7955, -49.5350** is a dark color, and the websafe version is hex **66CCFF**. The color can be described as middle saturated azure. A complement of this color would be **51.1545, 62.9476, 32.6206**, and the grayscale version is **49.1683, -2.6235, 2.6714**.

A 20% lighter version of the original color is **84.4388, -31.1953, -14.9456**, and **44.1764, -4.9323, -44.5692** is the 20% darker color. If you saturate the color by 10%, you get **63.4503, -13.7856, -49.5481**, and if you desaturate by 10%, it is **66.0101, -16.7225, -44.5938**.

Distribution



- Red (0%)
- Green (71%)
- Blue (100%)



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



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.4569, -13.7955, -49.5350 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 63.4569, -13.7955, -49.5350 by changing the saturation by 10% instead.

63.4569, -13.7955,
-49.5350

63.4569, -13.7955,
-49.5350

186.3481,
-25.1127, -55.1254

52.6767, -12.5495,
-48.8334

86.9327, -16.2737,
-50.9867

42.5865, -11.2917,
-48.2181

99.5616, -17.5149,
-51.6917

33.2381, -10.0118,
-47.7917

112.7489,
-18.7608, -52.3656

24.6960, -8.6942,
-47.7681

126.4719,
-20.0132, -53.0021

17.0450, -7.3122,
-48.6396

140.7106,
-21.2737, -53.5977

10.4044, -5.9195,
-51.7801

155.4467,

0.0000, NaN, -NF

-22.5432, -54.1505

0.0000, NaN, -NF

170.6642,
-23.8227, -54.6598

0.0000, NaN, -NF

■ 63.4569, -13.7955,
-49.5350

■ 63.4569, -13.7955,
-49.5350

■ 63.4503, -13.7856,
-49.5481

■ 66.0101, -16.7225,
-44.5938

■ 68.7883, -18.8782,
-39.4878

■ 71.8265, -20.1228,
-34.1881

■ 75.1295, -20.4370,
-28.7250

■ 78.6929, -19.8436,
-23.1381

■ 82.5073, -18.3912,
-17.4667

■ 86.5606, -16.1431,
-11.7463

■ 90.8390, -13.1689,
-6.0058

■ 95.3283, -9.5392,
-0.2680

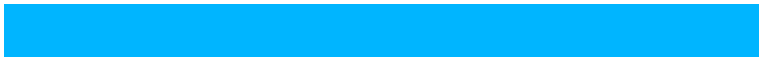
Harmonies

Analogous

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



63.4579, -30.6141, -32.6336



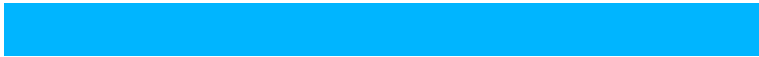
63.4569, -13.7955, -49.5350



63.4579, 8.2803, -49.3064

Triad

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



63.4579, -13.7950, -49.5330



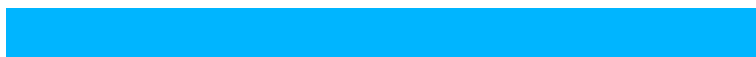
63.4579, 43.0906, 13.2684



63.4579, -30.9220, 25.8273

Complementary

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



63.4569, -13.7955, -49.5350



51.1545, 62.9476, 32.6206

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.



63.4579, -14.2723, 31.4075



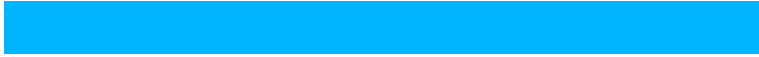
63.4569, -13.7955, -49.5350



63.4579, 29.3745, 26.0369

Square

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



63.4579, -13.7950, -49.5330



63.4579, 43.2648, -7.6578



63.4579, 7.7332, 31.4681



63.4579, -39.5425, 12.8612

Rectangle

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



63.4569, -13.7955, -49.5350



63.4579, 23.1662, -39.2345



63.4579, 7.7332, 31.4681



63.4579, -26.1886, 28.3979

Sweetspot

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



63.4579, -13.7950, -49.5330



86.5479, -16.1511, -11.7638



84.8483, -70.7705, 46.7234



39.2374, -7.9532, -6.5601

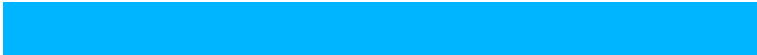
0.0000, NaN, NaN



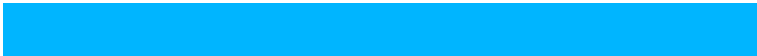
46.2646, -2.4686, 2.5136

Same Dimension

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



63.4579, -13.7950, -49.5330



63.4503, -13.7856, -49.5481



31.5951, 54.4916, -157.1141



44.2021, -4.3283, -0.0007



46.1587, -10.4030, -35.2372



15.0427, -4.1816, -9.7752

Inverse Universe

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



49.5963, 91.6531, -20.0961



49.5937, 91.6559, -20.0859



79.0321, 1.3657, 48.7215



42.6675, 2.9555, -0.0618



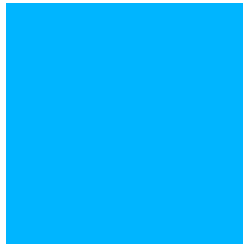
35.8871, 66.3898, -15.0433



11.2826, 21.0178, -5.8561

Previews

White Background



This preview shows how the HunterLab color 63.4569, -13.7955, -49.5350 looks on a white background.

Color Contrast Check

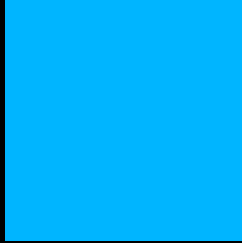
Large Text (above 18pt) WCAG AA × Fail

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 63.4569, -13.7955, -49.5350 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

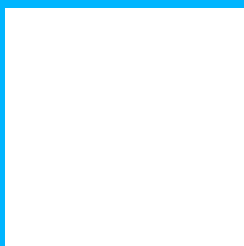
Any Text WCAG AAA ✓ Pass

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

HunterLab 63.4569, -13.7955, -49.5350 Background



This preview shows how black text looks on a background with the HunterLab color 63.4569, -13.7955, -49.5350.



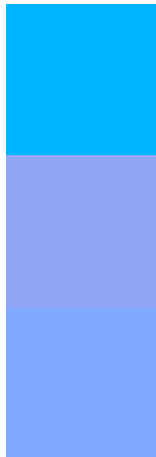
This preview shows how white text looks on a background with the HunterLab color 63.4569,

-13.7955, -49.5350.

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

63.4569, -13.7955, -49.5350

Protanopia

62.9863, 6.8598, -40.8859

Deuteranopia

63.3917, 4.9076, -49.3386



Tritanopia

63.4277, -30.3880, -13.6801

Trichromacy



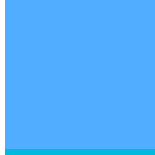
Original Color

63.4569, -13.7955, -49.5350



Protanomaly

61.7386, -4.6378, -46.5439



Deuteranomaly

62.3350, -4.8900, -51.6614



Tritanomaly

63.1810, -24.6799, -25.6940

Monochromacy



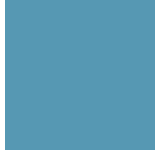
Original Color

63.4569, -13.7955, -49.5350



Achromatopsia

49.2221, -2.6264, 2.6743



Achromatomaly

52.6209, -13.3787, -15.8624

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.4569, -13.7955, -49.5350 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, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 181, 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, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 181, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 63.4569, -13.7955, -49.5350 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, 181, 255) }
```


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

```
.border{ border-color:rgb(0, 181, 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, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 181,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.4569, -13.7955, -49.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 181, 255) }
```

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

```
.background{ background-color: rgb(0, 181,  
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](#).

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