

Converting Colors

HunterLab(61.3508, -15.0525,
-116.6204)

Have a look what the booklet for
HunterLab(61.3508, -15.0525,
-116.6204) contains.

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Color

**HunterLab(63.7777,
-14.2749, -48.9012)**

Conversions

Conversions Part 1	
Format	Color
Hex	00B6FF
RGB	0, 182, 255
RGB Percent	0%, 71%, 100%
CMY	0.9997, 0.2863, 0.0000
CMYK	1.00, 0.29, 0.00, 0.00
HSL	197°, 100%, 50%
HSV	197°, 100%, 100%
XYZ	34.7780, 40.6760, 100.6261
YIQ	135.9040, -131.9050, -15.8810

Conversions

Conversions Part 2

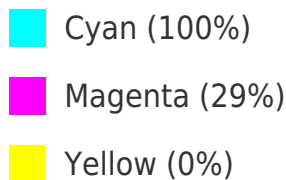
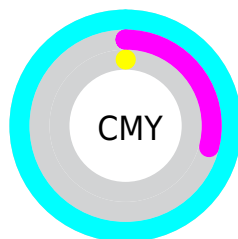
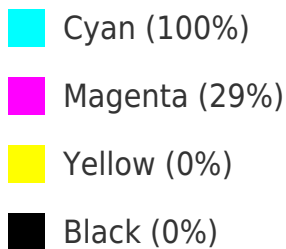
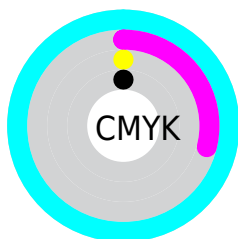
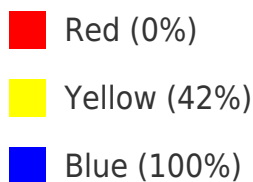
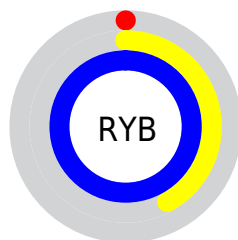
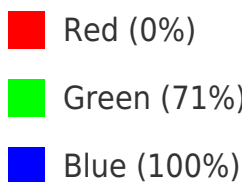
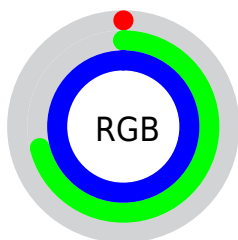
Format	Color
RYB	0, 106, 255
Decimal	46847
CIELab	69.95, -12.84, -46.62
CIELCh	70, 48.359, 254.599
Yxy	40.6772, 0.1975, 0.2310
Android (android.graphics.Color)	4278236927 (0xFF00B6FF)
YUV	135.9040, 58.7143, -119.1878
Hunter-Lab	63.7777, -14.2749, -48.9012

Details

The HunterLab color **63.7777, -14.2749, -48.9012** 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 **51.0244, 63.3314, 32.5472**, and the grayscale version is **49.4020, -2.6360, 2.6841**.

A 20% lighter version of the original color is **84.7819, -31.6564, -14.4734**, and **44.4722, -5.4050, -43.9184** is the 20% darker color. If you saturate the color by 10%, you get **63.7713, -14.2655, -48.9136**, and if you desaturate by 10%, it is **66.3025, -17.1491, -44.0465**.

Distribution



Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.7777, -14.2749, -48.9012 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 63.7777, -14.2749, -48.9012 by changing the saturation by 10% instead.


 63.7777, -14.2749,
-48.9012


 63.7777, -14.2749,
-48.9012


186.8073,
-25.8078, -54.4175


 52.9783, -12.9987,
-48.1978


 87.2890, -16.8086,
-50.3449


 42.8674, -11.7086,
-47.5738


 99.9343, -18.0754,
-51.0428


 33.4968, -10.3937,
-47.1267

 113.1374,
-19.3459, -51.7082

 24.9304, -9.0378,
-47.0600

 126.8755,
-20.6219, -52.3355

 17.2523, -7.6129,
-47.8396

 141.1287,
-21.9051, -52.9213

 10.5803, -6.1431,
-50.7587

155.8790,

0.0000, NaN, -NF

-23.1966, -53.4639

0.0000, NaN, -NF

171.1101,
-24.4972, -53.9626

0.0000, NaN, -NF

■ 63.7777, -14.2749,
-48.9012

■ 63.7777, -14.2749,
-48.9012

■ 63.7713, -14.2655,
-48.9136

■ 66.3025, -17.1491,
-44.0465

■ 69.0504, -19.2554,
-39.0234

■ 72.0570, -20.4534,
-33.8021

■ 75.3273, -20.7226,
-28.4120

■ 78.8575, -20.0847,
-22.8920

■ 82.6385, -18.5874,
-17.2815

■ 86.6583, -16.2931,
-11.6156

■ 90.9035, -13.2709,
-5.9240

■ 95.3601, -9.5914,
-0.2297

Harmonies

Analogous

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



63.7787, -30.8611, -31.8115



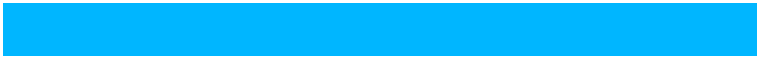
63.7777, -14.2749, -48.9012



63.7787, 7.6291, -49.1518

Triad

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



63.7787, -14.2744, -48.8991



63.7787, 42.9976, 12.8188



63.7787, -30.5154, 26.0208

Complementary

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



63.7777, -14.2749, -48.9012



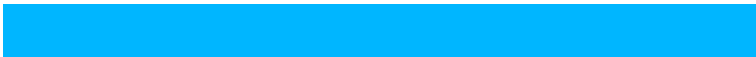
51.0244, 63.3314, 32.5472

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.



63.7787, -13.7393, 31.4576



63.7777, -14.2749, -48.9012



63.7787, 29.6569, 25.7846

Square

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



63.7787, -14.2744, -48.8991



63.7787, 42.8028, -8.1882



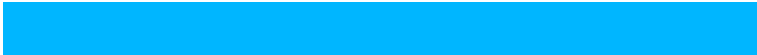
63.7787, 8.2417, 31.3891



63.7787, -39.3334, 13.2759

Rectangle

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



63.7777, -14.2749, -48.9012



63.7787, 22.4822, -39.4201



63.7787, 8.2417, 31.3891



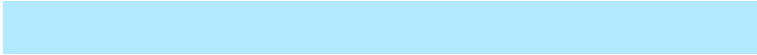
63.7787, -25.7283, 28.5372

Sweetspot

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



63.7787, -14.2744, -48.8991



86.6460, -16.3010, -11.6325



84.8483, -70.7706, 46.7236



39.2894, -8.0316, -6.4891

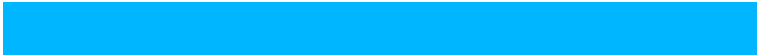
0.0000, NaN, NaN



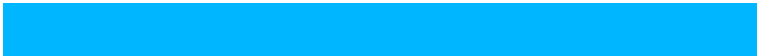
46.2646, -2.4686, 2.5136

Same Dimension

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



63.7787, -14.2744, -48.8991



63.7713, -14.2655, -48.9136



31.5948, 54.4924, -157.1157



44.2163, -4.3512, 0.0163



46.3874, -10.7430, -34.7891



15.1066, -4.2733, -9.6572

Inverse Universe

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



49.6378, 91.8018, -20.6692



49.6353, 91.8045, -20.6594



79.0320, 1.3659, 48.7214



42.6690, 2.9635, -0.0828



35.9169, 66.4962, -15.4536



11.2913, 21.0485, -5.9740

Previews

White Background



This preview shows how the HunterLab color 63.7777, -14.2749, -48.9012 looks on a white background.

Color Contrast Check

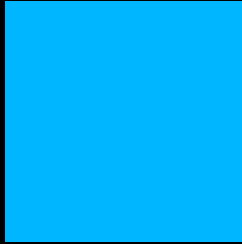
Large Text (above 18pt) WCAG AA × Fail

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 63.7777, -14.2749, -48.9012 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

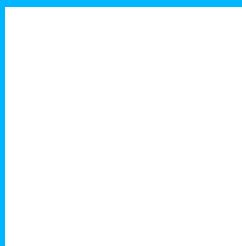
Any Text WCAG AAA ✓ Pass

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

HunterLab 63.7777, -14.2749, -48.9012 Background



This preview shows how black text looks on a background with the HunterLab color 63.7777, -14.2749, -48.9012.



This preview shows how white text looks on a background with the HunterLab color 63.7777, -14.2749, -48.9012.

-14.2749, -48.9012.

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

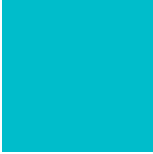
63.7777, -14.2749, -48.9012

Protanopia

63.4188, 6.8102, -40.0760

Deuteranopia

63.4532, 5.1132, -49.2114





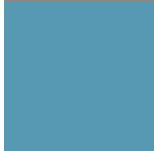
Tritanopia

63.8020, -30.5839, -13.7252

Trichromacy

	Original Color 63.7777, -14.2749, -48.9012
	Protanomaly 62.0867, -4.9926, -45.8618
	Deuteranomaly 62.6785, -5.2683, -50.9631
	Tritanomaly 63.5545, -24.8731, -25.7436

Monochromacy

	Original Color 63.7777, -14.2749, -48.9012
	Achromatopsia 49.6187, -2.6475, 2.6959
	Achromatomaly 52.9749, -13.6625, -15.3282

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.7777, -14.2749, -48.9012 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, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 182, 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, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 182, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 63.7777, -14.2749, -48.9012 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, 182, 255) }
```


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

```
.border{ border-color:rgb(0, 182, 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, 182, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 182, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 182, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 182,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.7777, -14.2749, -48.9012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 182, 255) }
```

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

```
.background{ background-color: rgb(0, 182,  
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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