

Converting Colors

HunterLab(64.2411, -14.2350,
-47.9805)

Have a look what the booklet for
HunterLab(64.2411, -14.2350,
-47.9805) contains.

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Color

**HunterLab(64.2411,
-14.2350, -47.9805)**

Conversions

Conversions Part 1

Format	Color
Hex	17B7FF
RGB	23, 183, 255
RGB Percent	9%, 72%, 100%
CMY	0.9096, 0.2823, 0.0000
CMYK	0.91, 0.28, 0.00, 0.00
HSL	199°, 100%, 55%
HSV	199°, 91%, 100%
XYZ	35.3369, 41.2692, 100.7111
YIQ	143.3680, -118.4720, -11.5280

Conversions

Conversions Part 2

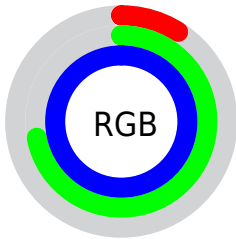
Format	Color
R _Y B	23, 118, 255
Decimal	1554431
CIE Lab	70.37, -12.73, -45.96
CIE LCh	70, 47.691, 254.519
Yxy	41.2705, 0.1993, 0.2327
Android (android.graphics.Color)	4279744511 (0xFF17B7FF)
YUV	143.3680, 55.0346, -105.5627
Hunter-Lab	64.2411, -14.2350, -47.9805

Details

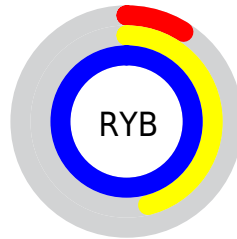
The HunterLab color **64.2411, -14.2350, -47.9805** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **54.3266, 54.3975, 33.5410**, and the grayscale version is **52.3832, -2.7950, 2.8461**.

A 20% lighter version of the original color is **85.2848, -31.5123, -13.7709**, and **44.7688, -5.8763, -43.2718** is the 20% darker color. If you saturate the color by 10%, you get **61.8157, -11.3098, -52.8497**, and if you desaturate by 10%, it is **67.1469, -16.7360, -42.4550**.

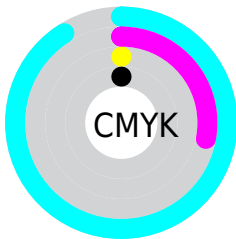
Distribution



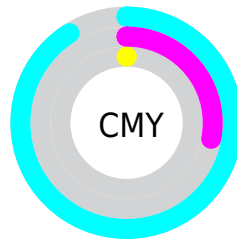
- Red (9%)
- Green (72%)
- Blue (100%)



- Red (9%)
- Yellow (46%)
- Blue (100%)



- Cyan (91%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (91%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.2411, -14.2350, -47.9805 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 64.2411, -14.2350, -47.9805 by changing the saturation by 10% instead.

■ 64.2411, -14.2350,
-47.9805

■ 64.2411, -14.2350,
-47.9805

187.4700,
-25.7252, -53.3859

■ 53.4139, -12.9656,
-47.2756

■ 87.8034, -16.7570,
-49.4115

■ 43.2735, -11.6831,
-46.6404

■ 100.4724,
-18.0186, -50.0985

■ 33.8710, -10.3770,
-46.1656

■ 113.6981,
-19.2841, -50.7514

■ 25.2696, -9.0315,
-46.0399

■ 127.4581,
-20.5556, -51.3649

■ 17.5525, -7.6197,
-46.6940

■ 141.7323,
-21.8344, -51.9361

■ 10.8357, -6.1152,
-49.3117

156.5029,

■ 2.0102, -3.5179,

-23.1217, -52.4635

-162.4278

171.7537,
-24.4184, -52.9468

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.2411, -14.2350,
-47.9805

■ 64.2411, -14.2350,
-47.9805

■ 61.8157, -11.3098,
-52.8497

■ 67.1469, -16.7360,
-42.4550

■ 70.3187, -18.3161,
-36.7602

■ 73.7608, -18.9559,
-30.9279

■ 77.4675, -18.6808,
-25.0002

■ 81.4281, -17.5427,

-19.0180

■ 85.6289, -15.6077,
-13.0162

■ 90.0551, -12.9479,
-7.0224

■ 94.6919, -9.6356,
-1.0573

■ 99.5245, -5.7396,
4.8651

Harmonies

Analogous

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



64.2421, -30.6541, -31.1861



64.2411, -14.2350, -47.9805



64.2421, 7.4111, -48.2755

Triad

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



64.2421, -14.2346, -47.9784



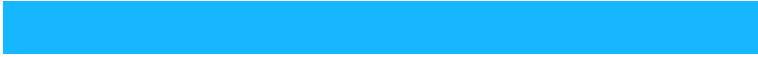
64.2421, 42.3577, 12.7060



64.2421, -30.2425, 25.9150

Complementary

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



64.2411, -14.2350, -47.9805



54.3266, 54.3975, 33.5410

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.



64.2421, -13.5991, 31.3483



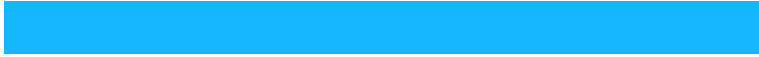
64.2411, -14.2350, -47.9805



64.2421, 29.2483, 25.6318

Square

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



64.2421, -14.2346, -47.9784



64.2421, 42.1277, -8.0749



64.2421, 8.1368, 31.2657



64.2421, -39.0218, 13.2500

Rectangle

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



64.2411, -14.2350, -47.9805



64.2421, 22.0715, -38.7622



64.2421, 8.1368, 31.2657



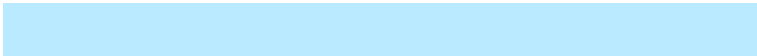
64.2421, -25.4873, 28.4275

Sweetspot

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



64.2421, -14.2346, -47.9784



87.3572, -14.6361, -10.6382



85.1390, -69.1688, 44.0993



39.7257, -7.1616, -5.8694

0.0000, NaN, NaN



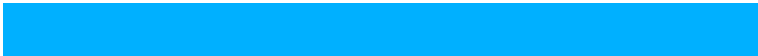
46.2646, -2.4686, 2.5136

Same Dimension

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



64.2421, -14.2346, -47.9784



61.8157, -11.3098, -52.8497



34.2235, 47.3399, -141.9845



44.1296, -4.2109, -0.0880



44.9940, -8.6490, -37.5678



14.7170, -3.7093, -10.3875

Inverse Universe

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



50.2926, 89.7855, -20.2539



49.3849, 90.9081, -17.1969



81.6891, -2.8910, 49.6959



42.6600, 2.9149, 0.0459



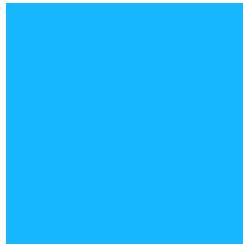
35.7375, 65.8544, -12.9754



11.2392, 20.8629, -5.2601

Previews

White Background



This preview shows how the HunterLab color 64.2411, -14.2350, -47.9805 looks on a white background.

Color Contrast Check

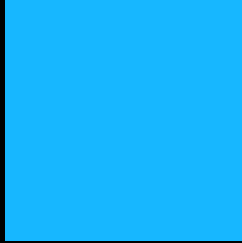
Large Text (above 18pt) WCAG AA × Fail

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 64.2411, -14.2350, -47.9805 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

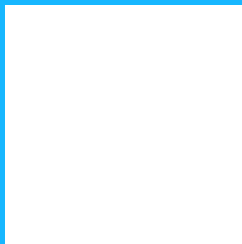
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.2411, -14.2350, -47.9805 Background



This preview shows how black text looks on a background with the HunterLab color 64.2411, -14.2350, -47.9805.



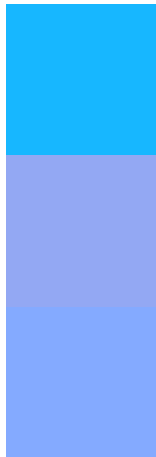
This preview shows how white text looks on a background with the HunterLab color 64.2411, -14.2350, -47.9805.

-14.2350, -47.9805.

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

64.2411, -14.2350, -47.9805

Protanopia

63.7804, 6.5242, -39.4088

Deuteranopia

63.9335, 5.2124, -48.2495



Tritanopia

64.1767, -30.7800, -13.7703

Trichromacy



Original Color

64.2411, -14.2350, -47.9805

Protanomaly

62.7912, -4.1012, -44.4693

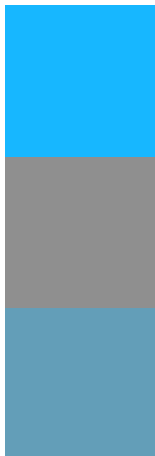
Deuteranomaly

63.3682, -4.4346, -49.5496

Tritanomaly

63.9687, -24.9126, -25.7248

Monochromacy



Original Color

64.2411, -14.2350, -47.9805

Achromatopsia

52.4097, -2.7964, 2.8475

Achromatomaly

55.2875, -12.7320, -14.7853

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.2411, -14.2350, -47.9805 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(23, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(23, 183, 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(23, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 183, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 64.2411, -14.2350, -47.9805 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(23, 183, 255) }
```


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

```
.border{ border-color:rgb(23, 183, 255) }
```

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

Here you see how a box with a 4 pixel rgb(23, 183, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(23, 183,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.2411, -14.2350, -47.9805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 183, 255) }
```

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

```
.background{ background-color: rgb(23, 183,  
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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