

Converting Colors

HunterLab(64.3083, -14.8260,
-16.2515)

Have a look what the booklet for
HunterLab(64.3083, -14.8260,
-16.2515) contains.

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Color

**HunterLab(64.3150,
-14.7601, -16.2364)**

Conversions

Conversions Part 1

Format	Color
Hex	74B5D1
RGB	116, 181, 209
RGB Percent	45%, 71%, 82%
CMY	0.5451, 0.2902, 0.1804
CMYK	0.44, 0.13, 0.00, 0.18
HSL	198°, 50%, 64%
HSV	198°, 44%, 82%
XYZ	35.2349, 41.3642, 66.4486
YIQ	164.7570, -47.7280, -5.0720

Conversions

Conversions Part 2

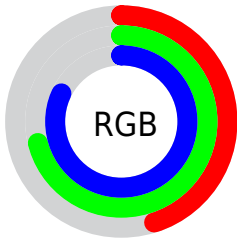
Format	Color
RYB	116, 154, 209
Decimal	7648721
CIELab	70.43, -13.36, -20.63
CIELCh	70, 24.575, 237.062
Yxy	41.3658, 0.2463, 0.2892
Android (android.graphics.Color)	4285838801 (0xFF74B5D1)
YUV	164.7570, 21.8118, -42.7599
Hunter-Lab	64.3150, -14.7601, -16.2364

Details

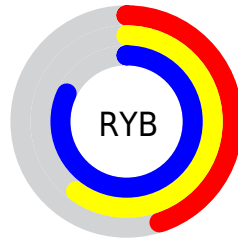
The HunterLab color $64.3150, -14.7601, -16.2364$ is a light color, and the websafe version is hex $66CCFF$. A complement of this color would be $58.9607, 16.1634, 19.9978$, and the grayscale version is $61.1689, -3.2638, 3.3234$.

A 20% lighter version of the original color is $87.4980, -19.8097, -10.5386$, and $43.3192, -11.9437, -15.9591$ is the 20% darker color. If you saturate the color by 10%, you get $61.3102, -15.5463, -20.8277$, and if you desaturate by 10%, it is $67.5129, -13.3347, -11.6076$.

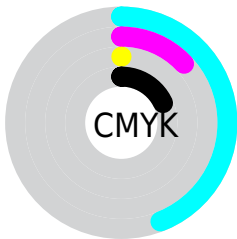
Distribution



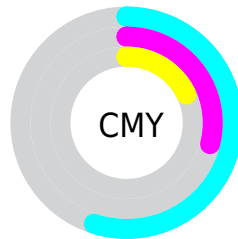
- Red (45%)
- Green (71%)
- Blue (82%)



- Red (45%)
- Yellow (60%)
- Blue (82%)



- Cyan (44%)
- Magenta (13%)
- Yellow (0%)
- Black (18%)



- Cyan (55%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.3150, -14.7601, -16.2364 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 64.3150, -14.7601, -16.2364 by changing the saturation by 10% instead.

■ 64.3150, -14.7601,
-16.2364

■ 64.3150, -14.7601,
-16.2364

187.5759,
-26.5009, -16.1290

■ 53.4836, -13.4561,
-15.9705

■ 87.8856, -17.3475,
-16.5779

■ 43.3385, -12.1355,
-15.6403

■ 100.5584,
-18.6389, -16.6621

■ 33.9308, -10.7880,
-15.2451

■ 113.7878,
-19.9329, -16.6924

■ 25.3239, -9.3965,
-14.7926

127.5512,
-21.2316, -16.6717

■ 17.6006, -7.9327,
-14.3123

141.8288,
-22.5367, -16.6027

■ 10.8766, -6.3739,
-13.9075

156.6026,

■ 2.1855, -3.8245,

-23.8493, -16.4879

-41.7920

171.8565,
-25.1704, -16.3293

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.3150, -14.7601,
-16.2364

■ 64.3150, -14.7601,
-16.2364

■ 61.3102, -15.5463,
-20.8277

■ 67.5129, -13.3347,
-11.6076

■ 58.5043, -15.6453,
-25.3563

■ 70.8894, -11.3227,
-6.9685

■ 55.9051, -15.0240,
-29.7893

■ 74.4345, -8.7799,
-2.3366

■ 53.5148, -13.6727,
-34.0960


■ 78.1371, -5.7601,
2.2746


■ 51.3272, -11.6203,

■ 81.9863, -2.3140,


-38.2564


6.8558

 50.1851, -10.2859,
-40.5226

 85.9720, 1.5121,
11.4011

 89.2975, 3.0191,
15.0259

 91.2176, -0.3029,
16.9940

 93.1662, -3.6034,
18.9570

Harmonies

Analogous

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



64.3162, -21.5576, -6.5635



64.3150, -14.7601, -16.2364



64.3162, -4.5383, -20.5782

Triad

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



64.3162, -14.7605, -16.2353



64.3162, 19.5825, 2.4391



64.3162, -12.9677, 19.2388

Complementary

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



64.3150, -14.7601, -16.2364



58.9607, 16.1634, 19.9978

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.



64.3162, -2.3247, 20.8225



64.3150, -14.7601, -16.2364



64.3162, 16.9464, 12.1629

Square

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



64.3162, -14.7605, -16.2353



64.3162, 15.7097, -8.6998



64.3162, 8.7324, 18.4649



64.3162, -20.5735, 13.6986

Rectangle

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



64.3150, -14.7601, -16.2364



64.3162, 3.0241, -19.3956



64.3162, 8.7324, 18.4649



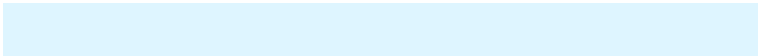
64.3162, -9.6492, 20.2054

Sweetspot

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



64.3162, -14.7605, -16.2353



93.8311, -10.5194, -2.1467



71.6418, -38.0927, 21.6741



42.9411, -5.2291, -1.5911

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.3162, -14.7605, -16.2353



77.1059, -19.4160, -25.5756



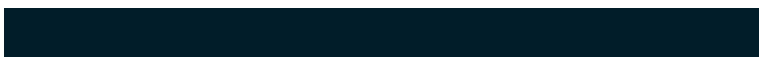
50.5315, 8.0784, -39.4992



35.7507, -3.4205, 0.0058



39.6339, -8.4198, -31.3630



10.0694, -3.0078, -6.0928

Inverse Universe

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



54.2066, 39.7595, -13.7196



62.8712, 60.6527, -20.3885



71.9845, -7.0762, 30.6225



34.5628, 2.2787, 0.0394



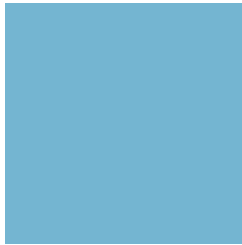
31.0758, 57.3990, -12.3282



7.4408, 13.9028, -4.1861

Previews

White Background



This preview shows how the HunterLab color 64.3150, -14.7601, -16.2364 looks on a white background.

Color Contrast Check

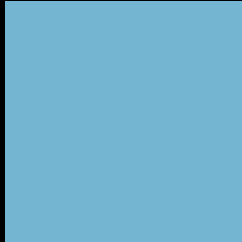
Large Text (above 18pt) WCAG AA × Fail

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 64.3150, -14.7601, -16.2364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

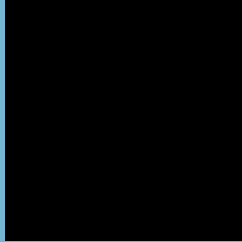
Any Text WCAG AA ✓ Pass

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 64.3150, -14.7601, -16.2364 Background



This preview shows how black text looks on a background with the HunterLab color 64.3150, -14.7601, -16.2364.



This preview shows how white text looks on a background with the HunterLab color 64.3150, -14.7601, -16.2364.

-14.7601, -16.2364.

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

64.3150, -14.7601, -16.2364

Protanopia

64.0414, 0.9576, -12.2526

Deuteranopia

64.0965, 4.8923, -18.0350



Tritanopia

64.3855, -18.5900, -9.8493

Trichromacy



Original Color

64.3150, -14.7601, -16.2364

Protanomaly

63.9398, -5.2852, -14.2506

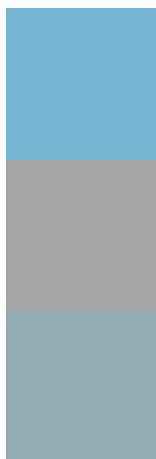
Deuteranomaly

64.0155, -3.0127, -17.6854

Tritanomaly

64.2632, -17.1096, -12.2538

Monochromacy



Original Color

64.3150, -14.7601, -16.2364

Achromatopsia

61.3402, -3.2730, 3.3327

Achromatomaly

62.1812, -8.5284, -3.5169

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.3150, -14.7601, -16.2364 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(116, 181, 209)` looks like.

```
.text, #text, p{  
    color:rgb(116, 181, 209)  
}
```

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(116, 181, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 181, 209) }
```

Border

The CSS property to change the border of an element to HunterLab 64.3150, -14.7601, -16.2364 is called "border". The border property can be set on classes, ids or directly on the HTML element.

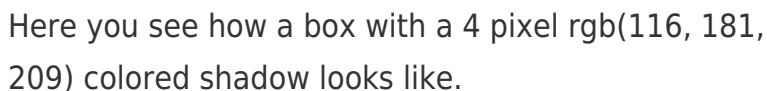
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 181, 209) }
```


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

```
.border{ border-color:rgb(116, 181, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 181, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 181, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 181, 209); box-shadow:4px 4px 4px 4px rgb(116, 181, 209) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.3150, -14.7601, -16.2364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 181, 209) }
```

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

```
.background{ background-color: rgb(116,  
181, 209) }
```

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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