

Converting Colors

HunterLab(64.0137, -14.9002,
-24.1747)

Have a look what the booklet for
HunterLab(64.0137, -14.9002,
-24.1747) contains.

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Color

**HunterLab(64.0137,
-14.9002, -24.1747)**

Conversions

Conversions Part 1

Format	Color
Hex	64B5DD
RGB	100, 181, 221
RGB Percent	39%, 71%, 87%
CMY	0.6078, 0.2902, 0.1333
CMYK	0.55, 0.18, 0.00, 0.13
HSL	200°, 64%, 63%
HSV	200°, 55%, 87%
XYZ	34.8305, 40.9775, 74.4803
YIQ	161.3410, -61.1160, -4.7320

Conversions

Conversions Part 2

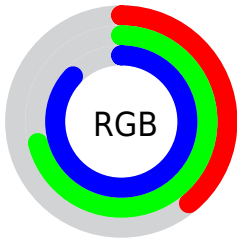
Format	Color
RYB	100, 149, 221
Decimal	6600157
CIELab	70.16, -13.58, -27.67
CIElCh	70, 30.819, 243.862
Yxy	40.9790, 0.2318, 0.2727
Android (android.graphics.Color)	4284790237 (0xFF64B5DD)
YUV	161.3410, 29.4119, -53.7961
Hunter-Lab	64.0137, -14.9002, -24.1747

Details

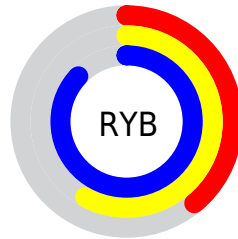
The HunterLab color **64.0137, -14.9002, -24.1747** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **59.2030, 21.5145, 24.7815**, and the grayscale version is **59.7416, -3.1877, 3.2459**.

A 20% lighter version of the original color is **86.6357, -22.9750, -11.7634**, and **43.0289, -12.1237, -23.4081** is the 20% darker color. If you saturate the color by 10%, you get **60.8205, -14.6832, -29.4657**, and if you desaturate by 10%, it is **67.4272, -14.3782, -18.8553**.

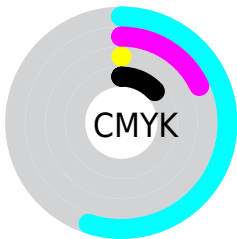
Distribution



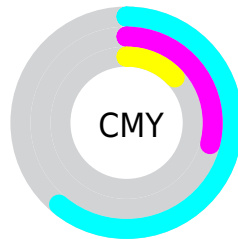
- Red (39%)
- Green (71%)
- Blue (87%)



- Red (39%)
- Yellow (58%)
- Blue (87%)



- Cyan (55%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)



- Cyan (61%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.0137, -14.9002, -24.1747 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 64.0137, -14.9002, -24.1747 by changing the saturation by 10% instead.

■ 64.0137, -14.9002,
-24.1747

■ 64.0137, -14.9002,
-24.1747

187.1451,
-26.7247, -25.9287

■ 53.2003, -13.5835,
-23.7088

■ 87.5512, -17.5095,
-24.9346

■ 43.0743, -12.2493,
-23.1937

■ 100.2086,
-18.8110, -25.2304

■ 33.6874, -10.8866,
-22.6425

■ 113.4232,
-20.1146, -25.4716

■ 25.1032, -9.4779,
-22.0910

■ 127.1725,
-21.4225, -25.6602

■ 17.4052, -7.9936,
-21.6317

141.4365,
-22.7362, -25.7981

■ 10.7103, -6.4474,
-21.5409

156.1971,

■ 1.3361, -2.3381,

-24.0572, -25.8875

-102.4968

171.4382,
-25.3864, -25.9305

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.0137, -14.9002,
-24.1747

■ 64.0137, -14.9002,
-24.1747

■ 60.8205, -14.6832,
-29.4657

■ 67.4272, -14.3782,
-18.8553

■ 57.8537, -13.6851,
-34.6961

■ 71.0454, -13.1725,
-13.5413

■ 55.1192, -11.8896,
-39.8277

■ 74.8564, -11.3448,
-8.2545

■ 52.6126, -9.3237,
-44.8330

■ 78.8469, -8.9569,
-3.0116

■ 51.3639, -7.7598,

■ 83.0042, -6.0683,

-47.4492

2.1770

87.3159, -2.7336,
7.3052

91.7708, 0.9976,
12.3705

94.0621, -2.7565,
14.7933

96.3599, -6.5844,
17.1703

Harmonies

Analogous

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



64.0149, -24.3596, -12.5675



64.0137, -14.9002, -24.1747



64.0149, -1.5878, -27.8563

Triad

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



64.0149, -14.9003, -24.1735



64.0149, 25.8531, 5.1928



64.0149, -17.7988, 21.3745

Complementary

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



64.0137, -14.9002, -24.1747



59.2030, 21.5145, 24.7815

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.



64.0149, -5.2301, 24.2015



64.0137, -14.9002, -24.1747



64.0149, 20.6158, 16.2232

Square

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



64.0149, -14.9003, -24.1735



64.0149, 22.7074, -8.9136



64.0149, 8.9330, 22.5414



64.0149, -25.9289, 13.8114

Rectangle

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



64.0137, -14.9002, -24.1747



64.0149, 7.8901, -24.7829



64.0149, 8.9330, 22.5414



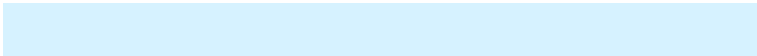
64.0149, -13.9940, 22.8261

Sweetspot

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



64.0149, -14.9003, -24.1735



92.0656, -10.9574, -4.3886



75.0116, -46.2613, 26.3103



42.1382, -5.3545, -2.6209

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.0149, -14.9003, -24.1735



70.8846, -17.1269, -35.7538



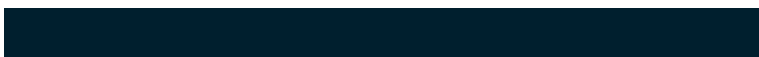
46.7926, 14.5872, -57.5889



37.5052, -3.4613, -0.1129



39.4226, -6.3421, -35.5840



10.7806, -2.7383, -7.5636

Inverse Universe

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



52.7485, 52.2457, -15.7210



56.7172, 73.7623, -20.4755



75.5354, -8.1194, 36.9377



36.3288, 2.3721, 0.1620



31.9260, 58.6294, -10.0301



8.2220, 15.2662, -3.8786

Previews

White Background



This preview shows how the HunterLab color 64.0137, -14.9002, -24.1747 looks on a white background.

Color Contrast Check

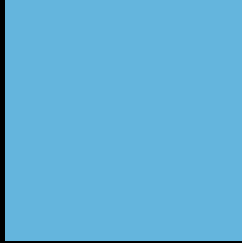
Large Text (above 18pt) WCAG AA × Fail

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 64.0137, -14.9002, -24.1747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

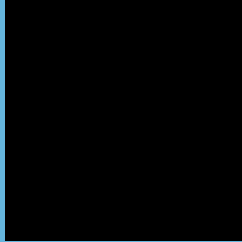
Any Text WCAG AA ✓ Pass

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 64.0137, -14.9002, -24.1747 Background



This preview shows how black text looks on a background with the HunterLab color 64.0137, -14.9002, -24.1747.



This preview shows how white text looks on a background with the HunterLab color 64.0137, -14.9002, -24.1747.

-14.9002, -24.1747.

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

64.0137, -14.9002, -24.1747

Protanopia

63.7205, 2.1346, -18.6549

Deuteranopia

63.7622, 4.7555, -26.2015



Tritanopia

64.1431, -22.6766, -11.3815

Trichromacy



Original Color

64.0137, -14.9002, -24.1747

Protanomaly

63.4009, -4.8369, -21.1388

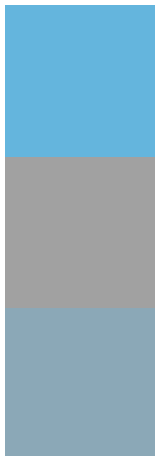
Deuteranomaly

63.6657, -3.2497, -25.8403

Tritanomaly

64.2401, -20.0445, -15.8426

Monochromacy



Original Color

64.0137, -14.9002, -24.1747

Achromatopsia

59.6993, -3.1854, 3.2436

Achromatomaly

60.7562, -8.7904, -6.4349

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.0137, -14.9002, -24.1747 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(100, 181, 221)` looks like.

```
.text, #text, p{  
    color:rgb(100, 181, 221)  
}
```

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(100, 181, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 181, 221) }
```

Border

The CSS property to change the border of an element to HunterLab 64.0137, -14.9002, -24.1747 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(100, 181, 221) }
```


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

```
.border{ border-color:rgb(100, 181, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 181, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 181, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 181, 221);  
box-shadow:4px 4px 4px 4px rgb(100, 181,  
221) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.0137, -14.9002, -24.1747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 181, 221) }
```

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

```
.background{ background-color: rgb(100,  
181, 221) }
```

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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