

# Converting Colors

HunterLab(67.2174, -24.6447,  
-19.3514)

Have a look what the booklet for  
HunterLab(67.2174, -24.6447,  
-19.3514) contains.

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# Color

**HunterLab(67.2174,  
-24.6447, -19.3514)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48C2DD
RGB	72, 194, 221
RGB Percent	28%, 76%, 87%
CMY	0.7176, 0.2392, 0.1333
CMYK	0.67, 0.12, 0.00, 0.13
HSL	191°, 69%, 57%
HSV	191°, 67%, 87%
XYZ	35.0155, 45.1818, 75.2821
YIQ	160.6000, -81.3790, -17.4670

# Conversions

## Conversions Part 2

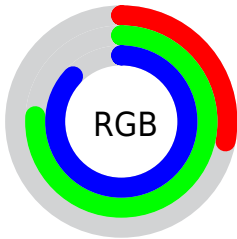
Format	Color
<a href="#">RYB</a>	<a href="#">72, 139, 221</a>
Decimal	<a href="#">4768477</a>
CIELab	<a href="#">73.01, -25.23, -23.38</a>
CIElCh	<a href="#">73, 34.402, 222.818</a>
Yxy	<a href="#">45.1834, 0.2252, 0.2906</a>
Android (android.graphics.Color)	<a href="#">4282958557 (0xFF48C2DD)</a>
YUV	<a href="#">160.6000, 29.7772, -77.7022</a>
Hunter-Lab	<a href="#">67.2174, -24.6447, -19.3514</a>

# Details

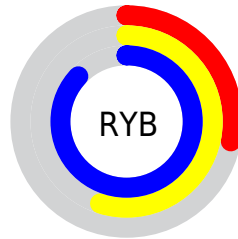
The HunterLab color **67.2174, -24.6447, -19.3514** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **49.7650, 40.0719, 24.0602**, and the grayscale version is **59.4434, -3.1717, 3.2297**.

A 20% lighter version of the original color is **90.2955, -33.7454, -7.0727**, and **46.3782, -18.5765, -17.8674** is the 20% darker color. If you saturate the color by 10%, you get **65.3624, -24.8773, -22.2117**, and if you desaturate by 10%, it is **69.2803, -23.6574, -16.2670**.

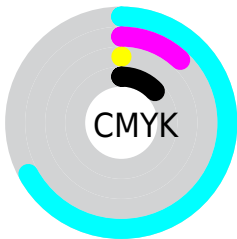
# Distribution



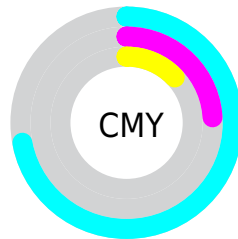
- Red (28%)
- Green (76%)
- Blue (87%)



- Red (28%)
- Yellow (55%)
- Blue (87%)



- Cyan (67%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)



- Cyan (72%)
- Magenta (24%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.2174, -24.6447, -19.3514 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 67.2174, -24.6447, -19.3514 by changing the saturation by 10% instead.



67.2174, -24.6447,  
-19.3514

67.2174, -24.6447,  
-19.3514

191.7071,  
-41.1178, -19.8766

56.2156, -22.6709,  
-19.0175

91.1019, -28.4544,  
-19.8342

45.8886, -20.6311,  
-18.6229

103.9207,  
-30.3107, -19.9899

36.2852, -18.5023,  
-18.1698

117.2900,  
-32.1440, -20.0916

27.4646, -16.2493,  
-17.6705

131.1879,  
-33.9597, -20.1420

19.5038, -13.8150,  
-17.1623

145.5952,  
-35.7619, -20.1434

12.5081, -11.1405,  
-16.7602

160.4944,

5.7750, -10.1062,

-37.5539, -20.0983

-20.7106

175.8698,  
-39.3384, -20.0087

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 67.2174, -24.6447,  
-19.3514

■ 67.2174, -24.6447,  
-19.3514

■ 65.3624, -24.8773,  
-22.2117

■ 69.2803, -23.6574,  
-16.2670

■ 63.7023, -24.3826,  
-24.8432

■ 71.5505, -21.9184,  
-12.9802

■ 62.2163, -23.2426,  
-27.2596


■ 74.0277, -19.4522,  
-9.5137


■ 61.8463, -22.8984,  
-27.8715

■ 76.7074, -16.2986,  
-5.8933

■ 79.5829, -12.5063,

-2.1446

 82.6458, -8.1290,  
1.7081

 85.8871, -3.2218,  
5.6434

 89.2973, 2.1617,  
9.6425

 91.1588, 2.2142,  
11.7179

# Harmonies

## Analogous

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



67.2186, -30.9635, -3.1423



67.2174, -24.6447, -19.3514



67.2186, -12.4147, -30.6173

# Triad

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



67.2186, -24.6447, -19.3503



67.2186, 28.2996, -5.5454



67.2186, -10.2613, 26.3472

# Complementary

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



67.2174, -24.6447, -19.3514



49.7650, 40.0719, 24.0602

# 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.



67.2186, 5.7143, 25.9940



67.2174, -24.6447, -19.3514



67.2186, 29.0135, 9.8162

# Square

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



67.2186, -24.6447, -19.3503



67.2186, 18.5561, -21.4592



67.2186, 20.4242, 20.6245



67.2186, -23.1953, 21.7377



# Rectangle

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



67.2174, -24.6447, -19.3514



67.2186, -2.0756, -32.5004



67.2186, 20.4242, 20.6245



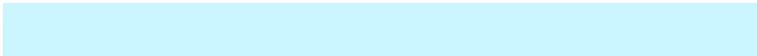
67.2186, -5.0915, 26.7669

# Sweetspot

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



67.2186, -24.6447, -19.3503



92.6402, -16.0023, -3.7449



73.4519, -53.9828, 35.2181



42.4138, -7.9962, -2.3121

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

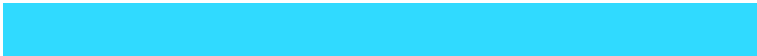


# Same Dimension

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



67.2186, -24.6447, -19.3503



76.0133, -29.1107, -27.4641



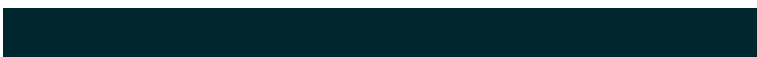
45.2079, 10.2941, -61.6790



37.9570, -4.1902, 0.4284



47.2994, -17.6698, -20.9760



12.4746, -5.0744, -4.6380



# Inverse Universe

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



48.8912, 67.3250, -30.5915



53.3390, 90.4288, -38.9535



67.1519, 3.7382, 36.0296



36.3762, 2.6257, -0.5104



32.9883, 62.4116, -24.5602

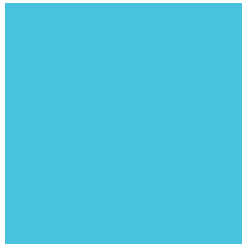


8.4604, 16.1110, -7.1092



# Previews

## White Background



This preview shows how the HunterLab color 67.2174, -24.6447, -19.3514 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

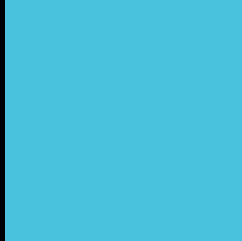
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 67.2174, -24.6447, -19.3514 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

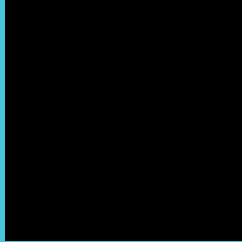
Any Text WCAG AA ✓ Pass

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 67.2174, -24.6447, -19.3514 Background



This preview shows how black text looks on a background with the HunterLab color 67.2174, -24.6447, -19.3514.



This preview shows how white text looks on a background with the HunterLab color 67.2174,

-24.6447, -19.3514.

# 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

67.2174, -24.6447, -19.3514

### Protanopia

66.6519, 1.3217, -12.5652

### Deuteranopia

66.8985, 4.9057, -21.8241



## Tritanopia

67.3619, -28.2847, -13.2302

# Trichromacy



## Original Color

67.2174, -24.6447, -19.3514

## Protanomaly

66.2611, -10.6337, -15.6844

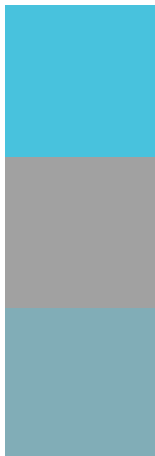
## Deuteranomaly

66.3239, -7.9446, -22.3126

## Tritanomaly

67.2322, -26.7630, -15.7357

# Monochromacy



## Original Color

67.2174, -24.6447, -19.3514

## Achromatopsia

59.6993, -3.1854, 3.2436

## Achromatomaly

61.6224, -13.5695, -5.3702

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 67.2174, -24.6447, -19.3514 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(72, 194, 221)` looks like.

```
.text, #text, p{  
    color:rgb(72, 194, 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(72, 194, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 194, 221) }
```

## Border

The CSS property to change the border of an element to HunterLab 67.2174, -24.6447, -19.3514 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(72, 194, 221) }
```



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

```
.border{ border-color:rgb(72, 194, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 194, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 194, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 194, 221);  
box-shadow:4px 4px 4px 4px rgb(72, 194,  
221) }
```

# Background

The CSS property to change the background color of an element to HunterLab 67.2174, -24.6447, -19.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 194, 221) }
```

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

```
.background{ background-color: rgb(72, 194,  
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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