

Converting Colors

HunterLab(70.0308, -14.0318,
-27.7737)

Have a look what the booklet for
HunterLab(70.0308, -14.0318,
-27.7737) contains.

HunterLab(70.0672, -14.1051, -27.4909)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(70.0672,
-14.1051, -27.4909)**

Conversions

Conversions Part 1

Format	Color
Hex	74C3F1
RGB	116, 195, 241
RGB Percent	45%, 76%, 95%
CMY	0.5451, 0.2353, 0.0549
CMYK	0.52, 0.19, 0.00, 0.05
HSL	202°, 82%, 70%
HSV	202°, 52%, 95%
XYZ	42.5948, 49.0941, 90.4503
YIQ	176.6230, -61.8500, -2.4420

Conversions

Conversions Part 2

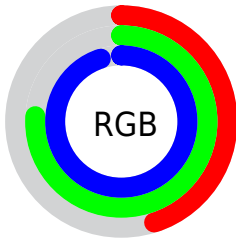
Format	Color
R _Y B	116, 164, 241
Decimal	7652337
CIE Lab	75.51, -11.81, -30.23
CIE LCh	76, 32.458, 248.660
Yxy	49.0959, 0.2339, 0.2695
Android (android.graphics.Color)	4285842417 (0xFF74C3F1)
YUV	176.6230, 31.7379, -53.1664
Hunter-Lab	70.0672, -14.1051, -27.4909

Details

The HunterLab color **70.0672, -14.1051, -27.4909** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **67.6788, 19.6327, 27.5705**, and the grayscale version is **66.0417, -3.5238, 3.5882**.

A 20% lighter version of the original color is **92.7118, -26.4342, -3.8367**, and **48.2798, -11.4700, -26.8171** is the 20% darker color. If you saturate the color by 10%, you get **66.1784, -13.6704, -34.0184**, and if you desaturate by 10%, it is **74.2027, -13.7309, -21.0121**.

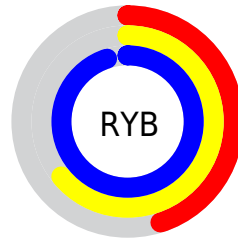
Distribution



Red (45%)

Green (76%)

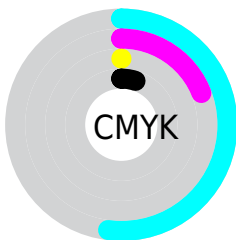
Blue (95%)



Red (45%)

Yellow (64%)

Blue (95%)

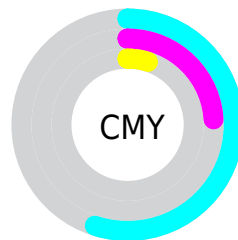


Cyan (52%)

Magenta (19%)

Yellow (0%)

Black (5%)



Cyan (55%)

Magenta (24%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.0672, -14.1051, -27.4909 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 70.0672, -14.1051, -27.4909 by changing the saturation by 10% instead.

■ 70.0672, -14.1051,
-27.4909

■ 70.0672, -14.1051,
-27.4909

195.7345,
-25.2689, -29.6188

■ 58.9030, -12.8900,
-26.9926

■ 94.2518, -16.5355,
-28.3239

■ 48.4030, -11.6686,
-26.4487

■ 107.2102,
-17.7568, -28.6596

■ 38.6137, -10.4337,
-25.8716

■ 120.7135,
-18.9849, -28.9422

■ 29.5912, -9.1742,
-25.2929

134.7405,
-20.2214, -29.1734

■ 21.4071, -7.8717,
-24.7875

149.2723,
-21.4672, -29.3548

■ 14.1581, -6.4938,
-24.5539

164.2919,

■ 7.8109, -7.0066,

-22.7233, -29.4883

-26.0533

179.7839,
-23.9904, -29.5757

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 70.0672, -14.1051,
-27.4909

■ 70.0672, -14.1051,
-27.4909

■ 66.1784, -13.6704,
-34.0184

■ 74.2027, -13.7309,
-21.0121

■ 62.5477, -12.3648,
-40.5606

■ 78.5643, -12.6198,
-14.6135

■ 59.1877, -10.1498,
-47.0704

■ 83.1364, -10.8465,
-8.3113

■ 56.1015, -7.0304,
-53.5035

■ 87.9026, -8.4830,
-2.1150

■ 53.7673, -3.9368,

■ 92.8478, -5.5958,

-58.7059

3.9724

97.4057, -4.1545,
9.2928

99.5645, -7.7267,
11.6589

Harmonies

Analogous

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



70.0685, -25.2175, -15.9628



70.0672, -14.1051, -27.4909



70.0685, 0.7313, -29.7780

Triad

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



70.0685, -14.1052, -27.4896



70.0685, 27.6940, 7.8886



70.0685, -21.1490, 22.2990

Complementary

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



70.0672, -14.1051, -27.4909



67.6788, 19.6327, 27.5705

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.



70.0685, -8.1066, 26.1802



70.0672, -14.1051, -27.4909



70.0685, 20.6776, 19.1084

Square

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



70.0685, -14.1052, -27.4896



70.0685, 25.7409, -7.1245



70.0685, 7.2600, 25.1525



70.0685, -29.0356, 13.2315

Rectangle

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



70.0672, -14.1051, -27.4909



70.0685, 10.8954, -25.3706



70.0685, 7.2600, 25.1525



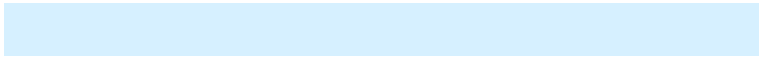
70.0685, -17.2693, 24.1546

Sweetspot

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



70.0685, -14.1052, -27.4896



91.5740, -10.1709, -5.0048



83.2031, -48.7084, 26.1124



41.8812, -4.9453, -2.9468

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.0685, -14.1052, -27.4896



70.4318, -14.5457, -36.4964



51.7201, 17.9400, -63.2167



41.1024, -3.6168, -0.2995



39.9285, -3.4466, -42.4671



12.3107, -2.2481, -10.5344

Inverse Universe

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



59.2734, 53.9905, -14.1768



58.1497, 68.7972, -16.7126



85.7052, -12.1607, 41.1666



39.9086, 2.5873, 0.3427



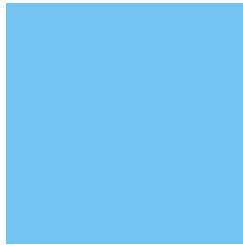
33.7680, 61.5653, -7.1446



9.8372, 18.1077, -3.4201

Previews

White Background



This preview shows how the HunterLab color 70.0672, -14.1051, -27.4909 looks on a white background.

Color Contrast Check

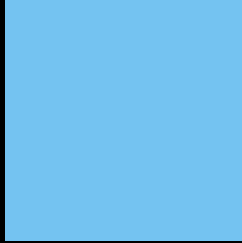
Large Text (above 18pt) WCAG AA × Fail

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 70.0672, -14.1051, -27.4909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

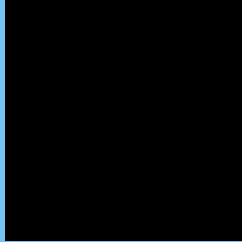
Any Text WCAG AA ✓ Pass

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 70.0672, -14.1051, -27.4909 Background



This preview shows how black text looks on a background with the HunterLab color 70.0672, -14.1051, -27.4909.



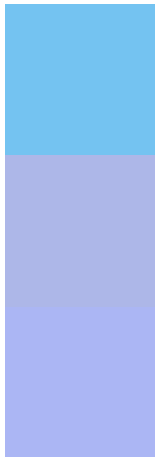
This preview shows how white text looks on a background with the HunterLab color 70.0672, -14.1051, -27.4909.

-14.1051, -27.4909.

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

70.0672, -14.1051, -27.4909

Protanopia

69.6975, 2.8368, -21.9470

Deuteranopia

69.7463, 5.5281, -29.6825



Tritanopia

69.9504, -23.1949, -12.3680

Trichromacy



Original Color

70.0672, -14.1051, -27.4909

Protanomaly

69.4365, -3.9954, -24.3957

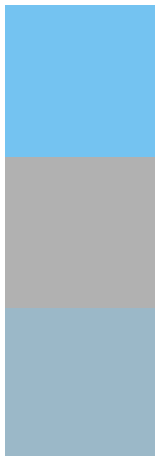
Deuteranomaly

69.7073, -2.3758, -29.2105

Tritanomaly

70.0995, -20.2712, -17.4096

Monochromacy



Original Color

70.0672, -14.1051, -27.4909

Achromatopsia

66.3066, -3.5380, 3.6026

Achromatomaly

67.3941, -9.1263, -6.7045

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.0672, -14.1051, -27.4909 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, 195, 241)` looks like.

```
.text, #text, p{  
    color:rgb(116, 195, 241)  
}
```

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, 195, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 195, 241) }
```

Border

The CSS property to change the border of an element to HunterLab 70.0672, -14.1051, -27.4909 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, 195, 241) }
```


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

```
.border{ border-color:rgb(116, 195, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 195, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 195, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 195, 241);  
box-shadow:4px 4px 4px 4px rgb(116, 195,  
241) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.0672, -14.1051, -27.4909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 195, 241) }
```

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

```
.background{ background-color: rgb(116,  
195, 241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor