

# Converting Colors

HunterLab(67.5197, -10.0666,  
-33.0297)

Have a look what the booklet for  
HunterLab(67.5197, -10.0666,  
-33.0297) contains.

<b>HunterLab(67.5197, -10.0666, -33.0297)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(67.5197,  
-10.0666, -33.0297)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72BBF3
RGB	114, 187, 243
RGB Percent	45%, 73%, 95%
CMY	0.5529, 0.2667, 0.0471
CMYK	0.53, 0.23, 0.00, 0.05
HSL	206°, 84%, 70%
HSV	206°, 53%, 95%
XYZ	40.8874, 45.5891, 91.4386
YIQ	171.5570, -61.4840, 1.9400

# Conversions

## Conversions Part 2

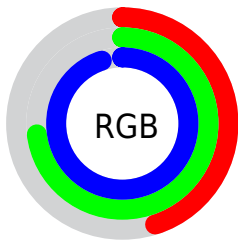
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	114, 161, 243
Decimal	7519219
CIELab	73.28, -7.37, -34.76
CIElCh	73, 35.537, 258.023
Yxy	45.5908, 0.2298, 0.2562
Android (android.graphics.Color)	4285709299 (0xFF72BBF3)
YUV	171.5570, 35.2214, -50.4775
Hunter-Lab	67.5197, -10.0666, -33.0297

# Details

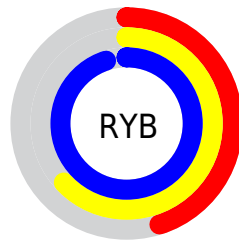
The HunterLab color **67.5197, -10.0666, -33.0297** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.0150, 16.1020, 29.9423**, and the grayscale version is **63.9245, -3.4108, 3.4731**.

A 20% lighter version of the original color is **89.5575, -22.5196, -7.8428**, and **46.1694, -8.0729, -32.0662** is the 20% darker color. If you saturate the color by 10%, you get **63.1340, -8.7570, -40.8825**, and if you desaturate by 10%, it is **72.1693, -10.5397, -25.3765**.

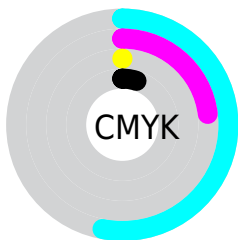
# Distribution



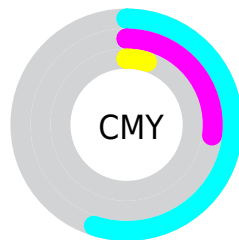
- Red (45%)
- Green (73%)
- Blue (95%)



- Red (45%)
- Yellow (63%)
- Blue (95%)



- Cyan (53%)
- Magenta (23%)
- Yellow (0%)
- Black (5%)



- Cyan (55%)
- Magenta (27%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.5197, -10.0666, -33.0297 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 67.5197, -10.0666, -33.0297 by changing the saturation by 10% instead.



■ 67.5197, -10.0666,  
-33.0297

■ 67.5197, -10.0666,  
-33.0297

192.1356,  
-19.5057, -36.2735

■ 56.5004, -9.0907,  
-32.4313

■ 91.4364, -12.0563,  
-34.0949

■ 46.1548, -8.1244,  
-31.8082

■ 104.2702,  
-13.0726, -34.5547

■ 36.5314, -7.1641,  
-31.1886

■ 117.6538,  
-14.1044, -34.9637

■ 27.6891, -6.2038,  
-30.6349

131.5656,  
-15.1520, -35.3221

■ 19.7041, -5.2331,  
-30.2915

145.9862,  
-16.2158, -35.6310

■ 12.6809, -4.2326,  
-30.5415

160.8984,

■ 6.0252, -5.6550,

-17.2960, -35.8916

-37.9001

176.2862,  
-18.3926, -36.1052

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 67.5197, -10.0666,  
-33.0297

■ 67.5197, -10.0666,  
-33.0297

■ 63.1340, -8.7570,  
-40.8825

■ 72.1693, -10.5397,  
-25.3765

■ 59.0311, -6.5307,  
-48.9064

■ 77.0565, -10.2638,  
-17.9420

■ 55.2323, -3.3311,  
-57.0489

■ 82.1611, -9.3252,  
-10.7265

■ 51.7497, 0.8492,  
-65.2472

■ 87.4638, -7.8039,  
-3.7226

■ 49.5058, 4.2140,

■ 92.9469, -5.7715,

-70.9746

3.0826

98.1258, -4.9173,  
9.1435

99.6249, -7.3948,  
10.7947

# Harmonies

## Analogous

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



67.5209, -23.5482, -22.8401



67.5197, -10.0666, -33.0297



67.5209, 6.4960, -31.7962

# Triad

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



67.5209, -10.0666, -33.0283



67.5209, 29.2998, 12.3647



67.5209, -25.6166, 20.9096

# Complementary

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



67.5197, -10.0666, -33.0297



70.0150, 16.1020, 29.9423

# 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.



67.5209, -13.1476, 26.5422



67.5197, -10.0666, -33.0297



67.5209, 18.9574, 22.4871

# Square

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



67.5209, -10.0666, -33.0283



67.5209, 30.3274, -2.8943



67.5209, 3.1063, 27.0401



67.5209, -31.9313, 9.6448



# Rectangle

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



67.5197, -10.0666, -33.0297



67.5209, 17.0753, -24.6939



67.5209, 3.1063, 27.0401



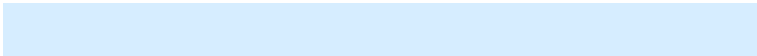
67.5209, -22.0641, 23.3944

# Sweetspot

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



67.5209, -10.0666, -33.0283



90.7092, -8.7777, -6.0972



84.0109, -48.7766, 24.1073



41.4295, -4.2202, -3.5251

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



67.5209, -10.0666, -33.0283



66.2039, -9.0437, -44.0913



49.1093, 23.6544, -71.6984



41.8128, -3.3336, -0.5866



37.0461, 2.4581, -51.6106



11.8760, -0.8004, -13.1162



# Inverse Universe

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



58.8887, 54.4138, -10.0961



56.8742, 69.0630, -11.1065



89.0755, -16.5348, 44.0009



40.7917, 2.5319, 0.6797



33.8893, 61.0666, -1.5908

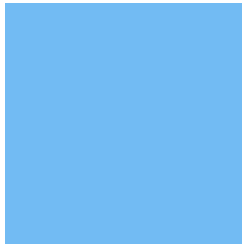


10.1490, 18.4728, -1.9100



# Previews

## White Background



This preview shows how the HunterLab color 67.5197, -10.0666, -33.0297 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

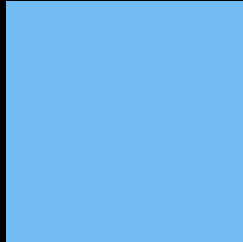
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 67.5197, -10.0666, -33.0297 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

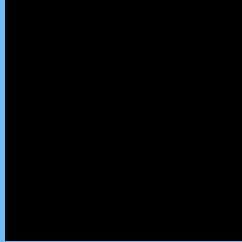
Any Text WCAG AA ✓ Pass

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 67.5197, -10.0666, -33.0297 Background



This preview shows how black text looks on a background with the HunterLab color 67.5197, -10.0666, -33.0297.



This preview shows how white text looks on a background with the HunterLab color 67.5197,

-10.0666, -33.0297.

# 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

67.5197, -10.0666, -33.0297

### Protanopia

67.2525, 3.9273, -27.7822

### Deuteranopia

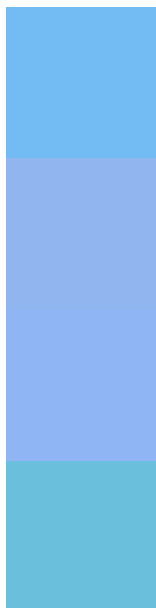
67.3853, 5.2561, -34.3937



## Tritanopia

67.5042, -22.7847, -11.7845

# Trichromacy



## Original Color

67.5197, -10.0666, -33.0297

## Protanomaly

67.2611, -1.9106, -29.8903

## Deuteranomaly

67.3936, -0.9211, -33.7850

## Tritanomaly

67.4879, -18.5868, -18.8367

# Monochromacy



## Original Color

67.5197, -10.0666, -33.0297

## Achromatopsia

64.2295, -3.4271, 3.4897

## Achromatomaly

64.8851, -7.1461, -8.9623

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 67.5197, -10.0666, -33.0297 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(114, 187, 243)` looks like.

```
.text, #text, p{  
    color:rgb(114, 187, 243)  
}
```

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(114, 187, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 187, 243) }
```

## Border

The CSS property to change the border of an element to HunterLab 67.5197, -10.0666, -33.0297 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(114, 187, 243) }
```



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

```
.border{ border-color:rgb(114, 187, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 187, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 187, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 187, 243);  
box-shadow:4px 4px 4px 4px rgb(114, 187,  
243) }
```

# Background

The CSS property to change the background color of an element to HunterLab 67.5197, -10.0666, -33.0297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 187, 243) }
```

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

```
.background{ background-color: rgb(114,  
187, 243) }
```

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