

Converting Colors

HunterLab(63.7700, -11.4270,
-48.8665)

Have a look what the booklet for
HunterLab(63.7700, -11.4270,
-48.8665) contains.

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Color

**HunterLab(63.6917,
-11.3067, -49.0209)**

Conversions

Conversions Part 1

Format	Color
Hex	33B4FF
RGB	51, 180, 255
RGB Percent	20%, 71%, 100%
CMY	0.7999, 0.2941, 0.0000
CMYK	0.80, 0.29, 0.00, 0.00
HSL	202°, 100%, 60%
HSV	202°, 80%, 100%
XYZ	35.7365, 40.5663, 100.5543
YIQ	149.9790, -100.9590, -4.0230

Conversions

Conversions Part 2

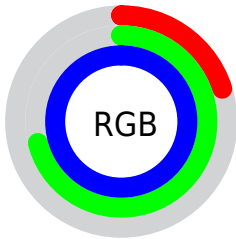
Format	Color
R _Y B	51, 130, 255
Decimal	3388671
CIE Lab	69.87, -9.25, -46.71
CIE LCh	70, 47.618, 258.793
Yxy	40.5676, 0.2021, 0.2294
Android (android.graphics.Color)	4281578751 (0xFF33B4FF)
YUV	149.9790, 51.7754, -86.8046
Hunter-Lab	63.6917, -11.3067, -49.0209

Details

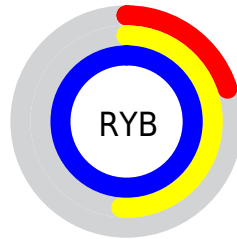
The HunterLab color **63.6917, -11.3067, -49.0209** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **60.3532, 40.1937, 34.8141**, and the grayscale version is **55.0466, -2.9371, 2.9908**.

A 20% lighter version of the original color is **84.7349, -28.3222, -14.4807**, and **44.1764, -4.9323, -44.5692** is the 20% darker color. If you saturate the color by 10%, you get **60.3475, -8.1279, -55.9063**, and if you desaturate by 10%, it is **67.3318, -13.5097, -42.0552**.

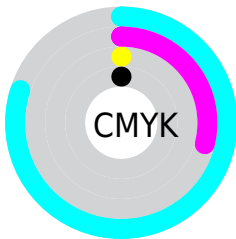
Distribution



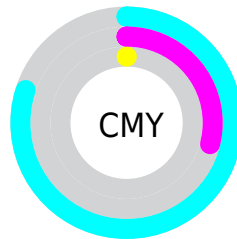
- Red (20%)
- Green (71%)
- Blue (100%)



- Red (20%)
- Yellow (51%)
- Blue (100%)



- Cyan (80%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.6917, -11.3067, -49.0209 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 63.6917, -11.3067, -49.0209 by changing the saturation by 10% instead.

■ 63.6917, -11.3067,
-49.0209

■ 63.6917, -11.3067,
-49.0209

186.6843,
-21.4296, -54.5522

■ 52.8974, -10.2306,
-48.3179

■ 87.1935, -13.4757,
-50.4663

■ 42.7921, -9.1557,
-47.6958

■ 99.8344, -14.5742,
-51.1656

■ 33.4275, -8.0754,
-47.2531

■ 113.0333,
-15.6840, -51.8327

■ 24.8676, -6.9793,
-47.1957

■ 126.7674,
-16.8061, -52.4619

■ 17.1967, -5.8499,
-47.9955

141.0167,
-17.9412, -53.0496

■ 10.5331, -4.6581,
-50.9638

155.7632,

0.0000, NaN, -NF

-19.0900, -53.5943

0.0000, NaN, -NF

170.9906,
-20.2527, -54.0952

0.0000, NaN, -NF

■ 63.6917, -11.3067,
-49.0209

■ 63.6917, -11.3067,
-49.0209

■ 60.3475, -8.1279,
-55.9063

■ 67.3318, -13.5097,
-42.0552

■ 57.2692, -4.1004,
-62.7288

■ 71.2595, -14.7422,
-35.0647

■ 57.2670, -4.0973,
-62.7339

■ 75.4629, -15.0506,
-28.0954

■ 79.9251, -14.5039,
-21.1863

■ 84.6280, -13.1808,
-14.3652

■ 89.5534, -11.1614,
-7.6493

■ 94.6841, -8.5221,
-1.0475

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



63.6927, -28.6138, -34.1855



63.6917, -11.3067, -49.0209



63.6927, 10.5983, -46.6873

Triad

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



63.6927, -11.3063, -49.0188



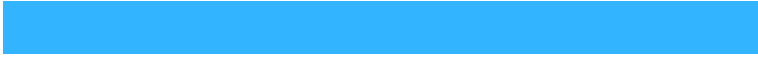
63.6927, 41.0838, 14.9694



63.6927, -31.8396, 24.4563

Complementary

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



63.6917, -11.3067, -49.0209



60.3532, 40.1937, 34.8141

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.



63.6927, -16.2884, 30.7502



63.6917, -11.3067, -49.0209



63.6927, 26.4670, 26.6750

Square

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



63.6927, -11.3063, -49.0188



63.6927, 42.8882, -4.7354



63.6927, 4.9078, 31.3971



63.6927, -39.3666, 10.7055

Rectangle

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



63.6917, -11.3067, -49.0209



63.6927, 24.8897, -35.8538



63.6927, 4.9078, 31.3971



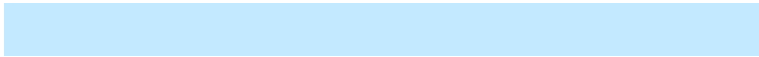
63.6927, -27.4815, 27.2851

Sweetspot

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



63.6927, -11.3063, -49.0188



87.5541, -12.0492, -10.3271



85.8637, -65.2772, 38.1802



39.6973, -5.8993, -5.8864

0.0000, NaN, NaN



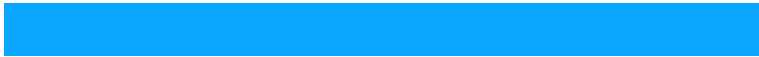
46.2646, -2.4686, 2.5136

Same Dimension

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



63.6927, -11.3063, -49.0188



58.4757, -5.7747, -59.9939



36.6112, 43.9529, -129.8833



43.9234, -3.8763, -0.3369



41.7505, -3.5423, -44.5376



13.8057, -2.3397, -12.2051

Inverse Universe

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



51.8890, 83.4772, -15.9050



49.1913, 88.6067, -11.0393



87.6797, -11.8951, 51.7003



42.6385, 2.7998, 0.3513



35.3379, 64.4189, -7.4112



11.1218, 20.4430, -3.6391

Previews

White Background



This preview shows how the HunterLab color 63.6917, -11.3067, -49.0209 looks on a white background.

Color Contrast Check

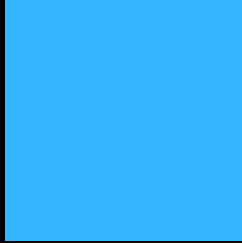
Large Text (above 18pt) WCAG AA × Fail

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 63.6917, -11.3067, -49.0209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

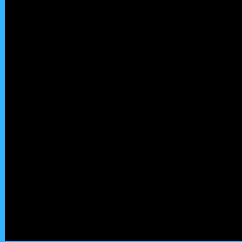
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

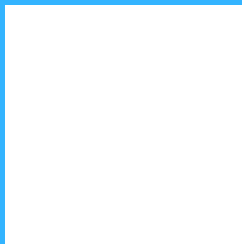
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 63.6917, -11.3067, -49.0209 Background



This preview shows how black text looks on a background with the HunterLab color 63.6917, -11.3067, -49.0209.



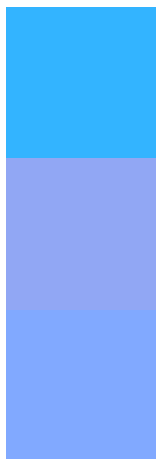
This preview shows how white text looks on a background with the HunterLab color 63.6917, -11.3067, -49.0209.

-11.3067, -49.0209.

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

63.6917, -11.3067, -49.0209

Protanopia

63.3947, 6.8255, -40.8633

Deuteranopia

63.4532, 5.1132, -49.2114



Tritanopia

63.4651, -30.1669, -14.2042

Trichromacy



Original Color
63.6917, -11.3067, -49.0209

Protanomaly
62.9777, -1.7937, -44.8317

Deuteranomaly
63.1457, -2.0681, -49.9570

Tritanomaly
63.3327, -24.0174, -26.0911

Monochromacy



Original Color
63.6917, -11.3067, -49.0209

Achromatopsia
55.2257, -2.9467, 3.0005

Achromatomaly
57.1822, -10.2871, -14.2755

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.6917, -11.3067, -49.0209 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(51, 180, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 180, 255)  
}
```

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(51, 180, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 180, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 63.6917, -11.3067, -49.0209 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(51, 180, 255) }
```


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

```
.border{ border-color:rgb(51, 180, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 180, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 180, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 180, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 180,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.6917, -11.3067, -49.0209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 180, 255) }
```

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

```
.background{ background-color: rgb(51, 180,  
255) }
```

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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