

# Converting Colors

HunterLab(62.5622, -9.5563,  
-51.2762)

Have a look what the booklet for  
HunterLab(62.5622, -9.5563,  
-51.2762) contains.

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# Color

**HunterLab(62.4295, -9.3488,  
-51.5449)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33B0FF
RGB	51, 176, 255
RGB Percent	20%, 69%, 100%
CMY	0.7999, 0.3098, 0.0000
CMYK	0.80, 0.31, 0.00, 0.00
HSL	203°, 100%, 60%
HSV	203°, 80%, 100%
XYZ	34.9405, 38.9744, 100.2890
YIQ	147.6310, -99.8590, -1.9310

# Conversions

## Conversions Part 2

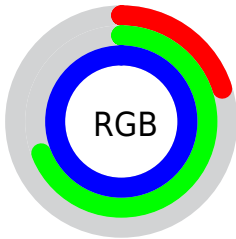
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	51, 129, 255
Decimal	3387647
CIE Lab	68.73, -7.05, -48.50
CIE LCh	69, 49.010, 261.732
Yxy	38.9756, 0.2006, 0.2237
Android (android.graphics.Color)	4281577727 (0xFF33B0FF)
YUV	147.6310, 52.9329, -84.7454
Hunter-Lab	62.4295, -9.3488, -51.5449

# Details

The HunterLab color **62.4295, -9.3488, -51.5449** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **61.2118, 38.1678, 35.3509**, and the grayscale version is **54.0949, -2.8864, 2.9391**.

A 20% lighter version of the original color is **83.0428, -25.9677, -16.8311**, and **43.0029, -3.0269, -47.2156** is the 20% darker color. If you saturate the color by 10%, you get **58.9505, -5.8963, -58.9308**, and if you desaturate by 10%, it is **66.2148, -11.8058, -44.1190**.

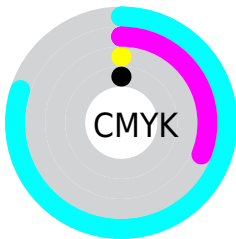
# Distribution



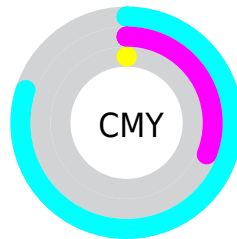
- Red (20%)
- Green (69%)
- Blue (100%)



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



- Cyan (80%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (31%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.4295, -9.3488, -51.5449 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 62.4295, -9.3488, -51.5449 by changing the saturation by 10% instead.



■ 62.4295, -9.3488,  
-51.5449

■ 62.4295, -9.3488,  
-51.5449

184.8748,  
-18.5970, -57.3570

■ 51.7115, -8.3951,  
-50.8527

■ 85.7911, -11.2930,  
-53.0166

■ 41.6877, -7.4515,  
-50.2704

■ 98.3669, -12.2874,  
-53.7425

■ 32.4111, -6.5132,  
-49.9183

■ 111.5035,  
-13.2976, -54.4415

■ 23.9477, -5.5732,  
-50.0471

■ 125.1777,  
-14.3240, -55.1062

■ 16.3847, -4.6188,  
-51.2409

139.3693,  
-15.3671, -55.7319

■ 9.8457, -3.6881,  
-55.1673

154.0601,

0.0000, NaN, -NF

-16.4269, -56.3164

0.0000, NaN, -NF

169.2335,  
-17.5035, -56.8582

0.0000, NaN, -NF

■ 62.4295, -9.3488,  
-51.5449

■ 62.4295, -9.3488,  
-51.5449

■ 58.9505, -5.8963,  
-58.9308

■ 66.2148, -11.8058,  
-44.1190

■ 55.7505, -1.5721,  
-66.2885

■ 70.2954, -13.2796,  
-36.7128

■ 55.7483, -1.5688,  
-66.2938

■ 74.6565, -13.8228,  
-29.3736

■ 79.2794, -13.5102,  
-22.1384

■ 84.1443, -12.4247,  
-15.0310

■ 89.2318, -10.6491,  
-8.0642

■ 94.5239, -8.2617,  
-1.2420

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.



62.4305, -27.6087, -37.5724



62.4295, -9.3488, -51.5449



62.4305, 13.2513, -47.2422

# Triad

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



62.4305, -9.3483, -51.5429



62.4305, 41.4169, 16.6289



62.4305, -33.4088, 23.6616

# Complementary

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



62.4295, -9.3488, -51.5449



61.2118, 38.1678, 35.3509

# 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.



62.4305, -18.3513, 30.5550



62.4295, -9.3488, -51.5449



62.4305, 25.3292, 27.5930

# Square

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



62.4305, -9.3483, -51.5429



62.4305, 44.7135, -2.7202



62.4305, 2.9160, 31.6872



62.4305, -40.1755, 8.9540



# Rectangle

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



62.4295, -9.3488, -51.5449



62.4305, 27.6595, -35.0820



62.4305, 2.9160, 31.6872



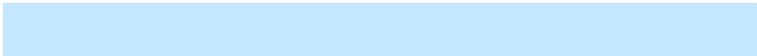
62.4305, -29.2579, 26.7224

# Sweetspot

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



62.4305, -9.3483, -51.5429



87.1676, -11.4383, -10.8386



85.9156, -64.9565, 37.4202



39.4918, -5.5766, -6.1648

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

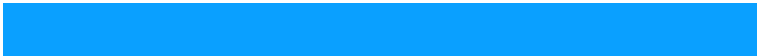


# Same Dimension

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



62.4305, -9.3483, -51.5429



57.0041, -3.3675, -63.3349



35.9604, 45.8744, -133.0234



43.8530, -3.7616, -0.4222



40.6667, -1.7531, -47.0453



13.4995, -1.8617, -12.8542



# Inverse Universe

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



51.7338, 82.8849, -13.7454



49.0166, 87.9731, -8.5918



88.7492, -13.5749, 52.3554



42.6312, 2.7606, 0.4554



35.2100, 63.9580, -5.6182

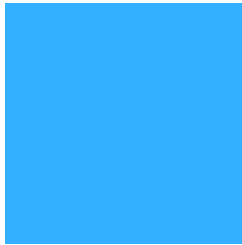


11.0838, 20.3066, -3.1106



# Previews

## White Background



This preview shows how the HunterLab color 62.4295, -9.3488, -51.5449 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

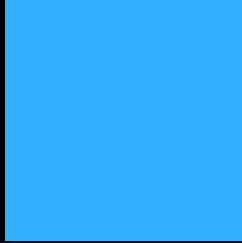
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 62.4295, -9.3488, -51.5449 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

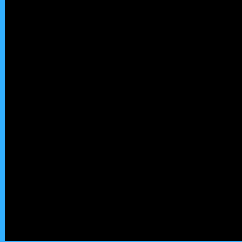
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

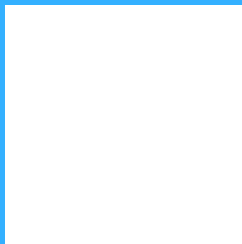
Any Text WCAG AAA ✓ Pass

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

## HunterLab 62.4295, -9.3488, -51.5449 Background



This preview shows how black text looks on a background with the HunterLab color 62.4295, -9.3488, -51.5449.



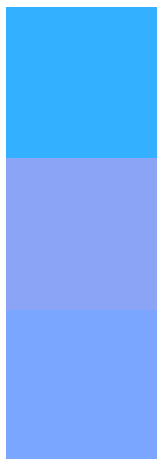
This preview shows how white text looks on a background with the HunterLab color 62.4295, -9.3488, -51.5449.



# 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

62.4295, -9.3488, -51.5449

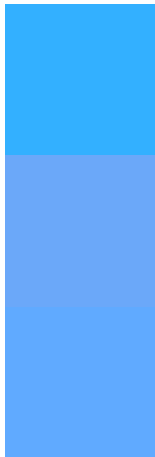
### Protanopia

62.1550, 7.2640, -43.9775

### Deuteranopia

62.1530, 5.2835, -51.8588

# Trichromacy



## Original Color

62.4295, -9.3488, -51.5449

## Protanomaly

61.6203, -0.1772, -48.2662

## Deuteranomaly

62.0131, -1.3057, -52.2640

# Monochromacy



## Original Color

62.4295, -9.3488, -51.5449

## Achromatopsia

54.4186, -2.9036, 2.9567

## Achromatomaly

56.1714, -9.3015, -15.1741

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 62.4295, -9.3488, -51.5449 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, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 176, 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, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 176, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 62.4295, -9.3488, -51.5449 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, 176, 255) }
```

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

```
.border{ border-color:rgb(51, 176, 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, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 176,  
255) }
```



# Background

The CSS property to change the background color of an element to HunterLab 62.4295, -9.3488, -51.5449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 176, 255) }
```

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

```
.background{ background-color: rgb(51, 176,  
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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