

# Converting Colors

HunterLab(45.4483, -13.5699,  
-55.3521)

Have a look what the booklet for  
HunterLab(45.4483, -13.5699,  
-55.3521) contains.

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# Color

**HunterLab(47.9917, -5.0372,  
-49.1115)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008AD6
RGB	0, 138, 214
RGB Percent	0%, 54%, 84%
CMY	0.9998, 0.4588, 0.1608
CMYK	1.00, 0.36, 0.00, 0.16
HSL	201°, 100%, 42%
HSV	201°, 100%, 84%
XYZ	21.2261, 23.0320, 66.9453
YIQ	105.4020, -106.6440, -5.6200

# Conversions

## Conversions Part 2

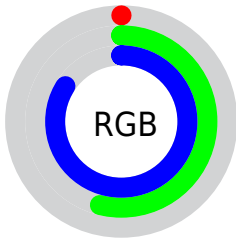
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 84, 214
Decimal	35542
CIELab	55.11, -3.13, -47.47
CIELCh	55, 47.573, 266.222
Yxy	23.0328, 0.1909, 0.2071
Android (android.graphics.Color)	4278225622 (0xFF008AD6)
YUV	105.4020, 53.5388, -92.4376
Hunter-Lab	47.9917, -5.0372, -49.1115

# Details

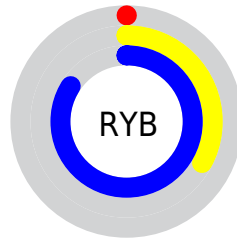
The HunterLab color **47.9917, -5.0372, -49.1115** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **44.1276, 45.4243, 27.9844**, and the grayscale version is **37.5761, -2.0050, 2.0416**.

A 20% lighter version of the original color is **68.7374, -11.0995, -39.4433**, and **31.0612, 2.1355, -43.4337** is the 20% darker color. If you saturate the color by 10%, you get **47.9865, -5.0286, -49.1236**, and if you desaturate by 10%, it is **50.4531, -8.0720, -43.8142**.

# Distribution



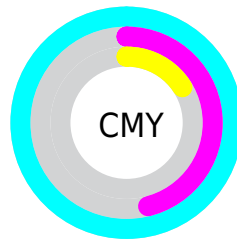
- Red (0%)
- Green (54%)
- Blue (84%)



- Red (0%)
- Yellow (33%)
- Blue (84%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (46%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.9917, -5.0372, -49.1115 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 47.9917, -5.0372, -49.1115 by changing the saturation by 10% instead.



47.9917, -5.0372,  
-49.1115

47.9917, -5.0372,  
-49.1115

163.6744,  
-12.4859, -55.0479

38.2331, -4.3308,  
-48.5713

69.6040, -6.5232,  
-50.4995

29.2430, -3.6501,  
-48.3079

81.3727, -7.3041,  
-51.2324

21.0946, -2.9929,  
-48.6349

93.7389, -8.1094,  
-51.9533

13.8861, -2.3559,  
-50.3325

106.6748, -8.9387,  
-52.6482

7.5185, -2.2185,  
-58.0331

120.1565, -9.7915,  
-53.3090

0.0000, NaN, -NF

0.0000, NaN, -NF

134.1626,

-10.6673, -53.9307

0.0000, NaN, -NF

148.6743,  
-11.5656, -54.5108

0.0000, NaN, NaN

■ 47.9917, -5.0372,  
-49.1115

■ 47.9917, -5.0372,  
-49.1115

■ 47.9865, -5.0286,  
-49.1236

■ 50.4531, -8.0720,  
-43.8142

■ 53.1179, -10.4485,  
-38.4631

■ 56.0141, -12.0487,  
-33.0349

■ 59.1383, -12.8761,  
-27.5667

■ 62.4811, -12.9661,  
-22.0961

■ 66.0300, -12.3719,  
-16.6543

■ 69.7712, -11.1540,  
-11.2645

■ 73.6910, -9.3749,  
-5.9423

■ 77.7760, -7.0945,  
-0.6969

# Harmonies

## Analogous

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



47.9925, -21.8766, -38.0759



47.9917, -5.0372, -49.1115



47.9925, 15.3645, -42.3140

# Triad

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



47.9925, -5.0363, -49.1104



47.9925, 36.4060, 15.9724



47.9925, -30.1871, 18.6501

# Complementary

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



47.9917, -5.0372, -49.1115



44.1276, 45.4243, 27.9844

# 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.



47.9925, -18.1933, 25.0118



47.9917, -5.0372, -49.1115



47.9925, 20.3883, 23.9616

# Square

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



47.9925, -5.0363, -49.1104



47.9925, 41.4314, 0.1743



47.9925, -0.0392, 26.4651



47.9925, -34.8390, 4.9288



# Rectangle

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



47.9917, -5.0372, -49.1115



47.9925, 27.9948, -29.6409



47.9925, -0.0392, 26.4651



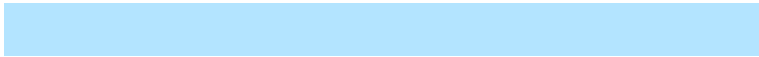
47.9925, -26.9855, 21.4664

# Sweetspot

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



47.9925, -5.0363, -49.1104



84.9323, -13.6612, -13.9485



69.7144, -57.1821, 36.3054



38.3834, -6.6492, -7.7444

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

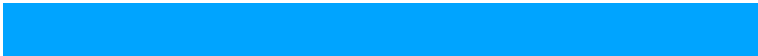


# Same Dimension

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



47.9925, -5.0363, -49.1104



58.2415, -5.6861, -60.5222



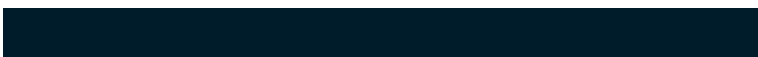
24.2822, 50.5616, -139.4909



36.5117, -3.2552, -0.1913



37.5779, -4.3440, -37.5917



10.0259, -2.2947, -7.5779



# Inverse Universe

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



40.1652, 73.3454, -9.4608



48.9443, 89.3257, -11.0630



69.0759, -6.0415, 42.4572



35.4321, 2.2614, 0.2700



31.2576, 57.1423, -7.8072



7.7769, 14.3931, -3.3082



# Previews

## White Background



This preview shows how the HunterLab color 47.9917, -5.0372, -49.1115 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 47.9917, -5.0372, -49.1115 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

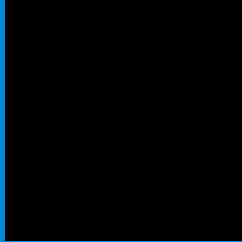
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

## HunterLab 47.9917, -5.0372, -49.1115 Background



This preview shows how black text looks on a background with the HunterLab color 47.9917, -5.0372, -49.1115.



This preview shows how white text looks on a background with the HunterLab color 47.9917, -5.0372, -49.1115.

-49.1115.

# 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

47.9917, -5.0372, -49.1115

### Protanopia

48.0003, 7.4219, -42.4189

### Deuteranopia

47.9880, 4.0243, -49.7908



## Tritanopia

47.9146, -23.2027, -9.8011

# Trichromacy



## Original Color

47.9917, -5.0372, -49.1115

## Protanomaly

47.1850, 0.6771, -46.7097

## Deuteranomaly

47.5758, -0.3172, -50.8091

## Tritanomaly

47.7695, -17.2394, -22.4928

# Monochromacy



## Original Color

47.9917, -5.0372, -49.1115

## Achromatopsia

37.5850, -2.0054, 2.0421

## Achromatomaly

39.9502, -8.3124, -15.2845

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 47.9917, -5.0372, -49.1115 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(0, 138, 214)` looks like.

```
.text, #text, p{  
    color:rgb(0, 138, 214)  
}
```

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(0, 138, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 138, 214) }
```

## Border

The CSS property to change the border of an element to HunterLab 47.9917, -5.0372, -49.1115 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(0, 138, 214) }
```



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

```
.border{ border-color:rgb(0, 138, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 138, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 138, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 138, 214);  
box-shadow:4px 4px 4px 4px rgb(0, 138,  
214) }
```

# Background

The CSS property to change the background color of an element to HunterLab 47.9917, -5.0372, -49.1115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 138, 214) }
```

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

```
.background{ background-color: rgb(0, 138,  
214) }
```

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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