

# Converting Colors

HunterLab(100.0000, -44.3907,  
-32.3249)

Have a look what the booklet for  
HunterLab(100.0000, -44.3907,  
-32.3249) contains.

<b>HunterLab(88.7356, -47.0433, -9.3587)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(88.7356,  
-47.0433, -9.3587)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FFFF
RGB	0, 255, 255
RGB Percent	0%, 100%, 100%
CMY	0.9997, 0.0000, 0.0000
CMYK	1.00, 0.00, 0.00, 0.00
HSL	180°, 100%, 50%
HSV	180°, 100%, 100%
XYZ	53.8101, 78.7401, 106.9701
YIQ	178.7550, -151.9800, -54.0600

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 128, 255</a>
Decimal	<a href="#">65535</a>
CIELab	<a href="#">91.12, -48.08, -14.14</a>
CIELCh	<a href="#">91, 50.114, 196.386</a>
Yxy	<a href="#">78.7405, 0.2247, 0.3287</a>
Android (android.graphics.Color)	<a href="#">4278255615</a> ( <a href="#">0xFF00FFFF</a> )
YUV	<a href="#">178.7550, 37.5888, -156.7681</a>
Hunter-Lab	<a href="#">88.7356, -47.0433, -9.3587</a>

# Details

The HunterLab color **88.7356, -47.0433, -9.3587** is a light color, and the websafe version is hex **00FFFF**, and the color name is **aqua**. The color can be described as light saturated cyan. A complement of this color would be **46.1106, 78.9567, 29.7925**, and the grayscale version is **66.9418, -3.5718, 3.6371**.

A 20% lighter version of the original color is **90.9972, -38.2240, -6.2396**, and **66.3398, -34.9453, -7.4821** is the 20% darker color. If you saturate the color by 10%, you get **88.7356, -47.0433, -9.3587**, and if you desaturate by 10%, it is **88.8561, -46.5668, -9.1903**.

# Distribution



- Red (0%)
- Green (100%)
- Blue (100%)



- Red (0%)
- Yellow (50%)
- Blue (100%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.7356, -47.0433, -9.3587 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 88.7356, -47.0433, -9.3587 by changing the saturation by 10% instead.



 88.7356, -47.0433,  
-9.3587

 88.7356, -47.0433,  
-9.3587

221.5125,  
-72.0873, -6.5414

 76.6045, -43.9262,  
-9.4442

 114.7142,  
-52.9957, -9.0314

 65.0827, -40.6903,  
-9.4732

 128.5135,  
-55.8627, -8.7969

 54.2046, -37.3060,  
-9.4409

 142.8256,  
-58.6712, -8.5185

 44.0108, -33.7339,  
-9.3420

 157.6329,  
-61.4297, -8.1986

 34.5508, -29.9176,  
-9.1710

172.9191,  
-64.1452, -7.8392

 25.8867, -25.7726,  
-8.9226

188.6698,

 18.0996, -21.1647,

-66.8235, -7.4421

-8.5957

204.8717,  
-69.4695, -7.0090

■ 11.3024, -19.7791,  
-8.2073

■ 3.5161, -6.1532,  
-16.6250

■ 88.7356, -47.0433,  
-9.3587

■ 88.8561, -46.5668,  
-9.1903

■ 89.1324, -45.4777,  
-8.8053

■ 89.6104, -43.6021,  
-8.1422

■ 90.3158, -40.8553,  
-7.1707

91.2670, -37.1885,  
-5.8730

92.4770, -32.5846,  
-4.2426

93.9540, -27.0532,  
-2.2821

95.7019, -20.6273,  
-0.0022

97.7207, -13.3579,  
2.5799

# Harmonies

## Analogous

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



88.7358, -47.5342, 15.1201



88.7356, -47.0433, -9.3587



88.7358, -36.0854, -35.9994

# Triad

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



88.7358, -47.0422, -9.3583



88.7358, 33.6144, -33.7329



88.7358, 7.0960, 39.2506

# Complementary

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



88.7356, -47.0433, -9.3587



46.1106, 78.9567, 29.7925

# 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.



88.7358, 31.6697, 32.3939



88.7356, -47.0433, -9.3587



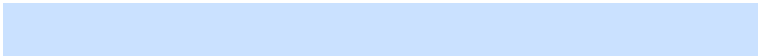
88.7358, 48.1071, -6.8618

# Square

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



88.7358, -47.0422, -9.3583



88.7358, 9.5179, -52.5654



88.7358, 47.3577, 17.0044



88.7358, -18.1499, 38.9325



# Rectangle

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



88.7356, -47.0433, -9.3587



88.7358, -23.5344, -49.4014



88.7358, 47.3577, 17.0044



88.7358, 15.7629, 37.8151

# Sweetspot

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



88.7358, -47.0422, -9.3583



93.9490, -27.0717, -2.2887



84.5699, -72.5164, 50.8405



43.1620, -13.6546, -1.4594

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



88.7358, -47.0422, -9.3583



88.7356, -47.0433, -9.3587



47.4752, 13.5851, -88.6602



45.2565, -6.0147, 1.2523



64.1431, -34.0056, -6.7650



20.0150, -10.6110, -2.1109



# Inverse Universe

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



53.3683, 104.9148, -70.3834



53.3667, 104.9207, -70.3875



60.4803, 38.4808, 37.9391



42.7790, 3.5516, -1.6432



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764



# Previews

## White Background



This preview shows how the HunterLab color 88.7356, -47.0433, -9.3587 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 88.7356, -47.0433, -9.3587 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 88.7356, -47.0433, -9.3587 Background



This preview shows how black text looks on a background with the HunterLab color 88.7356, -47.0433, -9.3587.



This preview shows how white text looks on a background with the HunterLab color 88.7356,

-47.0433, -9.3587.

# 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

88.7356, -47.0433, -9.3587



### Protanopia

87.8437, -1.7406, 0.0210



### Deuteranopia

87.8357, 4.2229, -9.6633



## Tritanopia

88.1999, -25.8125, -9.7011

# Trichromacy



## Original Color

88.7356, -47.0433, -9.3587



## Protanomaly

85.5634, -27.7630, -7.0692



## Deuteranomaly

85.4006, -24.1024, -13.4807



## Tritanomaly

87.4038, -37.6588, -10.9783

# Monochromacy



## Original Color

88.7356, -47.0433, -9.3587



## Achromatopsia

67.1406, -3.5825, 3.6479



## Achromatomaly

72.6003, -27.4383, -3.9532

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 88.7356, -47.0433, -9.3587 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, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 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(0, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.7356, -47.0433, -9.3587 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, 255, 255) }
```



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

```
.border{ border-color:rgb(0, 255, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 255, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 88.7356, -47.0433, -9.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 255) }
```

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

```
.background{ background-color: rgb(0, 255,  
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](#).

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