

# Converting Colors

HunterLab(101.8779, -52.3310,  
4.3853)

Have a look what the booklet for  
HunterLab(101.8779, -52.3310,  
4.3853) contains.

<b>HunterLab(90.6558, -39.5396, -6.7051)</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(90.6558,  
-39.5396, -6.7051)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70FFFF
RGB	112, 255, 255
RGB Percent	44%, 100%, 100%
CMY	0.5608, 0.0000, 0.0000
CMYK	0.56, 0.00, 0.00, 0.00
HSL	180°, 100%, 72%
HSV	180°, 56%, 100%
XYZ	60.4921, 82.1847, 107.2826
YIQ	212.2430, -85.2280, -30.3160

# Conversions

## Conversions Part 2

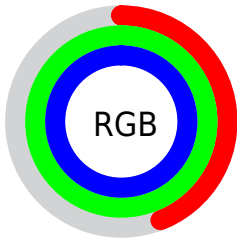
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 184, 255
Decimal	7405567
CIELab	92.66, -38.26, -11.68
CIELCh	93, 40.000, 196.973
Yxy	82.1852, 0.2420, 0.3288
Android (android.graphics.Color)	4285595647 (0xFF70FFFF)
YUV	212.2430, 21.0792, -87.9131
Hunter-Lab	90.6558, -39.5396, -6.7051

# Details

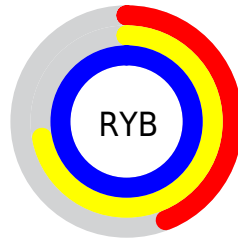
The HunterLab color **90.6558, -39.5396, -6.7051** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **58.3266, 50.8237, 21.2458**, and the grayscale version is **81.1843, -4.3318, 4.4109**.

A 20% lighter version of the original color is **93.7304, -27.8844, -2.5768**, and **66.9004, -34.4909, -6.7285** is the 20% darker color. If you saturate the color by 10%, you get **89.8569, -42.6396, -7.8018**, and if you desaturate by 10%, it is **91.7068, -35.5074, -5.2779**.

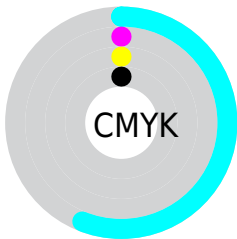
# Distribution



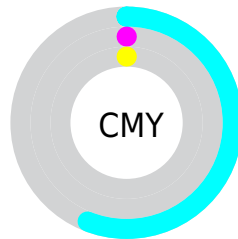
- Red (44%)
- Green (100%)
- Blue (100%)



- Red (44%)
- Yellow (72%)
- Blue (100%)



- Cyan (56%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (0%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 90.6558, -39.5396, -6.7051 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 90.6558, -39.5396, -6.7051 by changing the saturation by 10% instead.



90.6558, -39.5396,  
-6.7051

90.6558, -39.5396,  
-6.7051

224.1131,  
-60.6915, -3.1079

78.4335, -36.9703,  
-6.8903

116.8048,  
-44.4883, -6.1876

66.8158, -34.3204,  
-7.0223

130.6843,  
-46.8908, -5.8621

55.8361, -31.5686,  
-7.0961

145.0738,  
-49.2555, -5.4952

45.5340, -28.6867,  
-7.1065

159.9558,  
-51.5885, -5.0891

35.9574, -25.6347,  
-7.0471

175.3145,  
-53.8948, -4.6458

27.1659, -22.3522,  
-6.9108

191.1355,

19.2374, -18.7423,

-56.1785, -4.1668

-6.6904

207.4058,  
-58.4431, -3.6538

■ 12.2786, -15.7042,  
-6.3843

■ 5.4231, -9.4903,  
-8.7441

■ 90.6558, -39.5396,  
-6.7051

■ 90.6558, -39.5396,  
-6.7051

■ 89.8569, -42.6396,  
-7.8018

■ 91.7068, -35.5074,  
-5.2779

■ 89.2930, -44.8465,  
-8.5822

■ 93.0200, -30.5399,  
-3.5181

■ 88.9417, -46.2291,  
-9.0709

■ 94.6023, -24.6552,  
-1.4316

■ 88.7719, -46.8995,  
-9.3079

■ 96.4558, -17.8940,  
0.9683

88.7356, -47.0433,  
-9.3587

98.5795, -10.3131,  
3.6624

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.



90.6561, -40.1297, 12.9849



90.6558, -39.5396, -6.7051



90.6561, -30.1954, -26.9700

# Triad

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



90.6561, -39.5386, -6.7048



90.6561, 25.8024, -24.5528



90.6561, 4.2133, 34.3869

# Complementary

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



90.6558, -39.5396, -6.7051



58.3266, 50.8237, 21.2458

# 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.



90.6561, 23.6455, 28.2843



90.6558, -39.5396, -6.7051



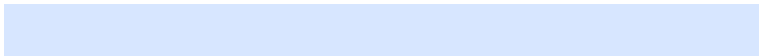
90.6561, 36.8350, -3.9290

# Square

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



90.6561, -39.5386, -6.7048



90.6561, 6.9509, -38.7409



90.6561, 36.0123, 15.2100



90.6561, -16.0614, 33.9659



# Rectangle

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



90.6558, -39.5396, -6.7051



90.6561, -19.7481, -36.7896



90.6561, 36.0123, 15.2100



90.6561, 11.0940, 33.0999

# Sweetspot

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



90.6561, -39.5386, -6.7048



96.2731, -18.5543, 0.7338



87.2555, -59.8870, 42.3004



44.3603, -9.2367, 0.1077

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

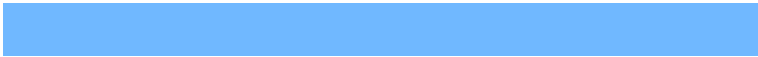
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.6561, -39.5386, -6.7048



89.7952, -42.8803, -7.8870



66.8882, -5.5841, -42.7423



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.



63.3008, 72.7547, -48.3340



59.0288, 85.6117, -57.1544



75.1699, 13.7857, 34.4681



42.7790, 3.5516, -1.6432



38.5764, 75.8426, -50.8800

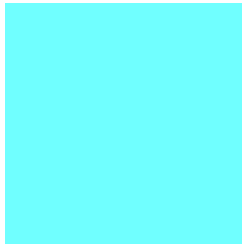


12.0372, 23.6656, -15.8764



# Previews

## White Background



This preview shows how the HunterLab color 90.6558, -39.5396, -6.7051 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

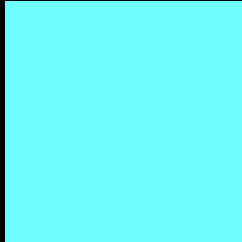
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 90.6558, -39.5396, -6.7051 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

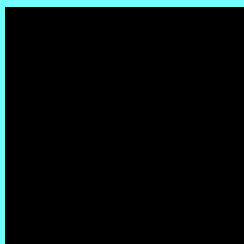
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

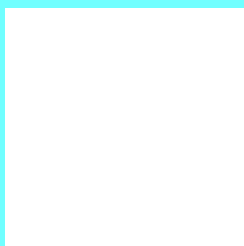
Any Text WCAG AAA ✓ Pass

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

## HunterLab 90.6558, -39.5396, -6.7051 Background



This preview shows how black text looks on a background with the HunterLab color 90.6558, -39.5396, -6.7051.



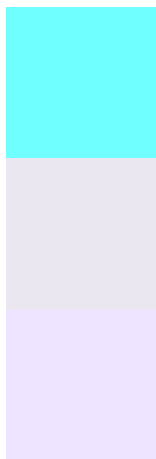
This preview shows how white text looks on a background with the HunterLab color 90.6558, -39.5396, -6.7051.

-39.5396, -6.7051.

# 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

90.6558, -39.5396, -6.7051

### Protanopia

89.9642, -2.2079, 1.0668

### Deuteranopia

90.0320, 3.8103, -6.7594



## Tritanopia

90.1478, -20.3569, -7.0310

# Trichromacy



## Original Color

90.6558, -39.5396, -6.7051



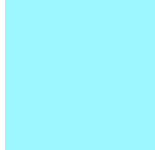
## Protanomaly

89.3644, -18.8105, -2.5775



## Deuteranomaly

89.2785, -15.0488, -8.0796



## Tritanomaly

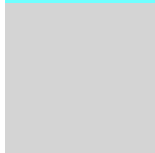
89.9498, -27.9960, -7.4238

# Monochromacy



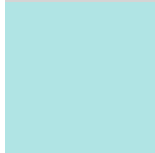
## Original Color

90.6558, -39.5396, -6.7051



## Achromatopsia

81.1403, -4.3294, 4.4085



## Achromatomaly

83.8560, -19.7710, -0.5707

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 90.6558, -39.5396, -6.7051 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(112, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(112, 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(112, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 255, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 90.6558, -39.5396, -6.7051 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(112, 255, 255) }
```



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

```
.border{ border-color:rgb(112, 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(112, 255, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(112, 255,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 90.6558, -39.5396, -6.7051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 255, 255) }
```

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

```
.background{ background-color: rgb(112,  
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