

# Converting Colors

HunterLab(66.5230, -31.8335,  
-80.0764)

Have a look what the booklet for  
HunterLab(66.5230, -31.8335,  
-80.0764) contains.

<b>HunterLab(69.9952, -23.1964, -37.4136)</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(69.9952,  
-23.1964, -37.4136)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C9FF
RGB	0, 201, 255
RGB Percent	0%, 79%, 100%
CMY	0.9997, 0.2118, 0.0000
CMYK	1.00, 0.21, 0.00, 0.00
HSL	193°, 100%, 50%
HSV	193°, 100%, 100%
XYZ	38.9366, 48.9933, 102.0122
YIQ	147.0570, -137.1300, -25.8180

# Conversions

## Conversions Part 2

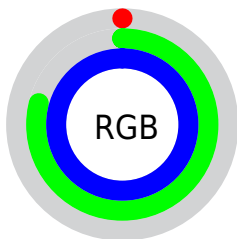
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 112, 255
Decimal	51711
CIELab	75.45, -22.82, -38.03
CIELCh	75, 44.355, 239.031
Yxy	48.9949, 0.2050, 0.2579
Android (android.graphics.Color)	4278241791 (0xFF00C9FF)
YUV	147.0570, 53.2159, -128.9690
Hunter-Lab	69.9952, -23.1964, -37.4136

# Details

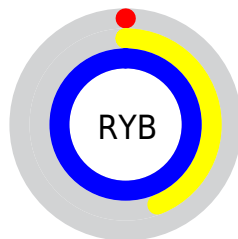
The HunterLab color **69.9952, -23.1964, -37.4136** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **48.8930, 69.8273, 31.3475**, and the grayscale version is **53.8806, -2.8749, 2.9274**.

A 20% lighter version of the original color is **90.7289, -39.2573, -6.6053**, and **49.9446, -13.6839, -32.8868** is the 20% darker color. If you saturate the color by 10%, you get **69.9907, -23.1901, -37.4214**, and if you desaturate by 10%, it is **71.9523, -25.1116, -34.0615**.

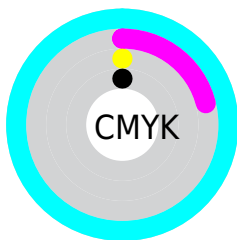
# Distribution



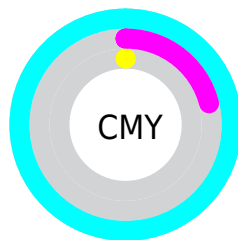
- Red (0%)
- Green (79%)
- Blue (100%)



- Red (0%)
- Yellow (44%)
- Blue (100%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.9952, -23.1964, -37.4136 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 69.9952, -23.1964, -37.4136 by changing the saturation by 10% instead.



69.9952, -23.1964,  
-37.4136

69.9952, -23.1964,  
-37.4136

195.6329,  
-38.6673, -41.2388

58.8349, -21.3726,  
-36.7700

94.1721, -26.7383,  
-38.5892

48.3392, -19.4981,  
-36.1144

107.1271,  
-28.4735, -39.1113

38.5546, -17.5540,  
-35.4799

120.6271,  
-30.1924, -39.5853

29.5371, -15.5128,  
-34.9381

134.6508,  
-31.8994, -40.0108

21.3585, -13.3302,  
-34.6466

149.1794,  
-33.5979, -40.3879

14.1158, -10.9287,  
-35.0030

164.1960,

7.7662, -13.2210,

-35.2906, -40.7175

-38.4200

179.6852,  
-36.9798, -41.0007

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 69.9952, -23.1964,  
-37.4136

■ 69.9952, -23.1964,  
-37.4136

■ 69.9907, -23.1901,  
-37.4214

■ 71.9523, -25.1116,  
-34.0615

■ 74.1049, -26.3150,  
-30.4916

■ 76.4934, -26.6550,  
-26.6622

■ 79.1298, -26.0914,  
-22.5847

■ 82.0172, -24.6255,

-18.2842

■ 85.1529, -22.2872,  
-13.7926

■ 88.5303, -19.1252,  
-9.1431

■ 92.1400, -15.1994,  
-4.3678

■ 95.9712, -10.5753,  
0.5042

# Harmonies

## Analogous

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



69.9964, -35.4555, -17.3384



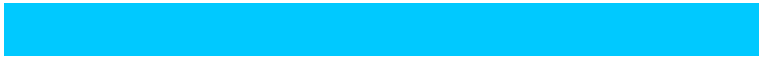
69.9952, -23.1964, -37.4136



69.9964, -4.4152, -46.0516

# Triad

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



69.9964, -23.1962, -37.4116



69.9964, 41.0244, 3.1622



69.9964, -22.1504, 29.6253

# Complementary

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



69.9952, -23.1964, -37.4136



48.8930, 69.8273, 31.3475

# 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.



69.9964, -3.0594, 32.2211



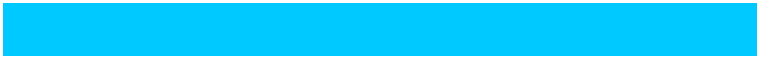
69.9952, -23.1964, -37.4136



69.9964, 34.8760, 19.9054

# Square

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



69.9964, -23.1962, -37.4116



69.9964, 34.0596, -18.7915



69.9964, 18.1080, 29.2564



69.9964, -34.9033, 20.7303



# Rectangle

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



69.9952, -23.1964, -37.4136



69.9964, 9.8195, -42.6793



69.9964, 18.1080, 29.2564



69.9964, -16.3373, 31.1241

# Sweetspot

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



69.9964, -23.1962, -37.4116



88.5200, -19.1356, -9.1570



84.7113, -71.6289, 48.7478



40.2813, -9.5141, -5.1512

0.0000, NaN, NaN

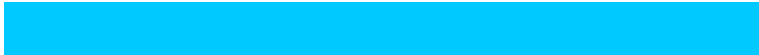


46.2646, -2.4686, 2.5136

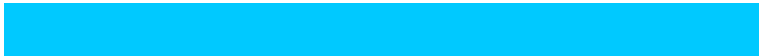


# Same Dimension

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



69.9964, -23.1962, -37.4116



69.9907, -23.1901, -37.4214



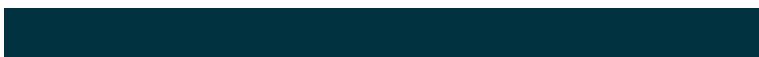
35.3070, 42.7314, -136.3679



44.4857, -4.7855, 0.3392



50.8155, -17.0702, -26.6653



16.3391, -5.9850, -7.5026



# Inverse Universe

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



50.4765, 94.7887, -32.1457



50.4742, 94.7919, -32.1386



73.0132, 12.2262, 45.2027



42.6973, 3.1148, -0.4843



36.5167, 68.6315, -23.6545

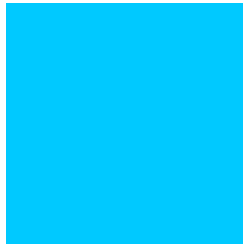


11.4632, 21.6586, -8.3096



# Previews

## White Background



This preview shows how the HunterLab color 69.9952, -23.1964, -37.4136 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

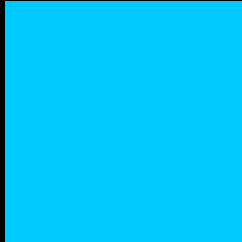
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 69.9952, -23.1964, -37.4136 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 69.9952, -23.1964, -37.4136 Background



This preview shows how black text looks on a background with the HunterLab color 69.9952, -23.1964, -37.4136.



This preview shows how white text looks on a background with the HunterLab color 69.9952, -23.1964, -37.4136.

-23.1964, -37.4136.

# 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

69.9952, -23.1964, -37.4136

### Protanopia

69.4563, 4.2956, -28.1645

### Deuteranopia

69.6854, 4.7959, -37.4707



## Tritanopia

69.9165, -33.2972, -15.5104

# Trichromacy



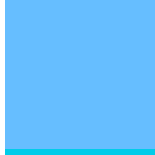
## Original Color

69.9952, -23.1964, -37.4136



## Protanomaly

67.9979, -11.3247, -34.3215



## Deuteranomaly

68.4629, -10.4543, -39.9284



## Tritanomaly

70.0492, -30.0840, -22.6127

# Monochromacy



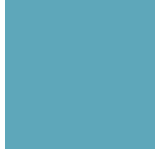
## Original Color

69.9952, -23.1964, -37.4136



## Achromatopsia

54.0158, -2.8821, 2.9348



## Achromatomaly

57.9330, -17.2743, -12.1469

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 69.9952, -23.1964, -37.4136 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, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 201, 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, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 201, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 69.9952, -23.1964, -37.4136 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, 201, 255) }
```



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

```
.border{ border-color:rgb(0, 201, 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, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 201,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 69.9952, -23.1964, -37.4136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 201, 255) }
```

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

```
.background{ background-color: rgb(0, 201,  
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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