

# Converting Colors

HunterLab(65.9259, -20.0493,  
-39.1210)

Have a look what the booklet for  
HunterLab(65.9259, -20.0493,  
-39.1210) contains.

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# Color

**HunterLab(65.9866,  
-20.2519, -38.7594)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00BEF7
RGB	0, 190, 247
RGB Percent	0%, 75%, 97%
CMY	0.9997, 0.2549, 0.0314
CMYK	1.00, 0.23, 0.00, 0.03
HSL	194°, 100%, 48%
HSV	194°, 100%, 97%
XYZ	35.2020, 43.5423, 94.5448
YIQ	139.6880, -131.5370, -22.5530

# Conversions

## Conversions Part 2

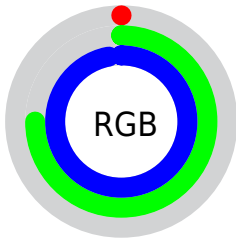
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 107, 247
Decimal	48887
CIELab	71.92, -19.90, -39.21
CIELCh	72, 43.976, 243.093
Yxy	43.5438, 0.2031, 0.2513
Android (android.graphics.Color)	4278238967 (0xFF00BEF7)
YUV	139.6880, 52.9048, -122.5064
Hunter-Lab	65.9866, -20.2519, -38.7594

# Details

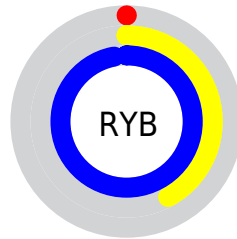
The HunterLab color **65.9866, -20.2519, -38.7594** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **47.6527, 65.7871, 30.5125**, and the grayscale version is **50.9285, -2.7174, 2.7670**.

A 20% lighter version of the original color is **87.5079, -35.4661, -10.7994**, and **46.4855, -11.3100, -33.6877** is the 20% darker color. If you saturate the color by 10%, you get **65.9819, -20.2449, -38.7686**, and if you desaturate by 10%, it is **68.0188, -22.3097, -35.1817**.

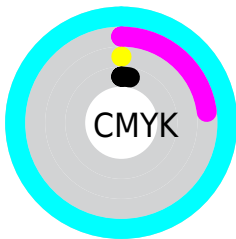
# Distribution



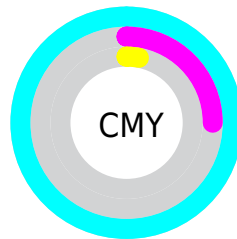
- Red (0%)
- Green (75%)
- Blue (97%)



- Red (0%)
- Yellow (42%)
- Blue (97%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (25%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.9866, -20.2519, -38.7594 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 65.9866, -20.2519, -38.7594 by changing the saturation by 10% instead.



65.9866, -20.2519,  
-38.7594

65.9866, -20.2519,  
-38.7594

189.9588,  
-34.5896, -42.9578

55.0564, -18.5798,  
-38.0950

89.7390, -23.5091,  
-40.0048

44.8057, -16.8649,  
-37.4354

102.4963,  
-25.1104, -40.5677

35.2845, -15.0889,  
-36.8291

115.8066,  
-26.7005, -41.0844

26.5535, -13.2249,  
-36.3791

129.6480,  
-28.2830, -41.5536

18.6921, -11.2283,  
-36.3205

144.0006,  
-29.8610, -41.9749

11.8099, -9.0486,  
-37.2847

158.8470,

4.6134, -8.0734,

-31.4368, -42.3488

-57.0654

174.1712,  
-33.0125, -42.6761

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 65.9866, -20.2519,  
-38.7594

■ 65.9866, -20.2519,  
-38.7594

■ 65.9819, -20.2449,  
-38.7686

■ 68.0188, -22.3097,  
-35.1817

■ 70.2444, -23.6726,  
-31.4039

■ 72.7019, -24.1951,  
-27.3882

■ 75.4010, -23.8437,  
-23.1499

■ 78.3432, -22.6248,

-18.7171

■ 81.5242, -20.5715,  
-14.1225

■ 84.9364, -17.7340,  
-9.3992

■ 88.5698, -14.1721,  
-4.5781

■ 92.4132, -9.9497,  
0.3140

# Harmonies

## Analogous

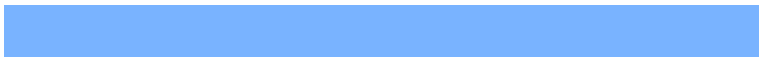
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.9877, -33.1039, -20.0259



65.9866, -20.2519, -38.7594



65.9877, -1.4083, -45.1868

# Triad

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



65.9877, -20.2513, -38.7582



65.9877, 40.0748, 5.5612



65.9877, -23.4839, 27.7145

# Complementary

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



65.9866, -20.2519, -38.7594



47.6527, 65.7871, 30.5125

# 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.



65.9877, -5.6143, 30.9234



65.9866, -20.2519, -38.7594



65.9877, 32.4033, 20.7972

# Square

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



65.9877, -20.2513, -38.7582



65.9877, 34.9494, -15.4844



65.9877, 15.0547, 28.8372



65.9877, -34.8060, 18.2631



# Rectangle

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



65.9866, -20.2519, -38.7594



65.9877, 12.4680, -40.4208



65.9877, 15.0547, 28.8372



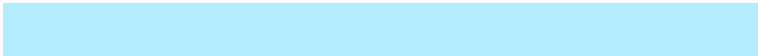
65.9877, -18.1255, 29.4040

# Sweetspot

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



65.9877, -20.2513, -38.7582



88.0400, -18.4147, -9.7855



81.7221, -68.9292, 46.6559



40.0272, -9.1373, -5.4905

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

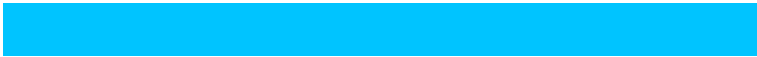


# Same Dimension

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



65.9877, -20.2513, -38.7582



68.3829, -20.9455, -40.2572



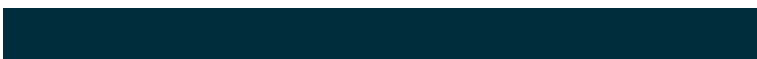
33.3177, 43.3901, -135.3032



42.5102, -4.4652, 0.2547



48.2191, -15.0532, -27.7741



14.8238, -5.1940, -7.3160



# Inverse Universe

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



48.4703, 90.6686, -28.1366



50.2512, 94.0002, -29.1054



71.5778, 9.6235, 44.2726



40.8644, 2.9215, -0.3538



35.2797, 66.0542, -20.8975

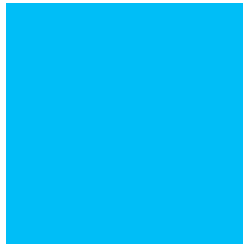


10.5331, 19.8452, -7.2001



# Previews

## White Background



This preview shows how the HunterLab color 65.9866, -20.2519, -38.7594 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

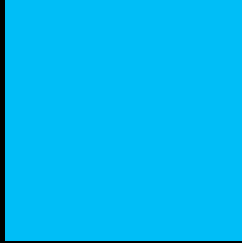
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 65.9866, -20.2519, -38.7594 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

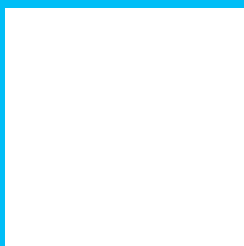
Any Text WCAG AAA ✓ Pass

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

## HunterLab 65.9866, -20.2519, -38.7594 Background



This preview shows how black text looks on a background with the HunterLab color 65.9866, -20.2519, -38.7594.



This preview shows how white text looks on a background with the HunterLab color 65.9866,

-20.2519, -38.7594.

# 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

65.9866, -20.2519, -38.7594

### Protanopia

65.6481, 4.4692, -29.7725

### Deuteranopia

65.5463, 5.6902, -42.0666



## Tritanopia

66.0934, -31.5414, -14.5222

# Trichromacy



## Original Color

65.9866, -20.2519, -38.7594

## Protanomaly

64.2175, -9.3489, -35.9885

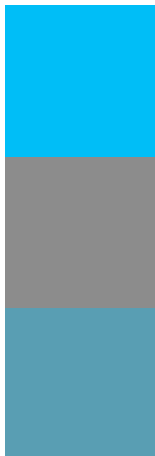
## Deuteranomaly

64.3968, -7.6691, -43.7235

## Tritanomaly

65.9300, -27.6863, -22.6400

# Monochromacy



## Original Color

65.9866, -20.2519, -38.7594

## Achromatopsia

51.2104, -2.7325, 2.7824

## Achromatomaly

54.6189, -15.5690, -12.9118

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 65.9866, -20.2519, -38.7594 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, 190, 247)` looks like.

```
.text, #text, p{  
    color:rgb(0, 190, 247)  
}
```

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, 190, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 190, 247) }
```

## Border

The CSS property to change the border of an element to HunterLab 65.9866, -20.2519, -38.7594 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, 190, 247) }
```



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

```
.border{ border-color:rgb(0, 190, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 190, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 190, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 190, 247);  
box-shadow:4px 4px 4px 4px rgb(0, 190,  
247) }
```

# Background

The CSS property to change the background color of an element to HunterLab 65.9866, -20.2519, -38.7594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 190, 247) }
```

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

```
.background{ background-color: rgb(0, 190,  
247) }
```

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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