

# Converting Colors

HunterLab(62.1239, -21.4004,  
-31.4521)

Have a look what the booklet for  
HunterLab(62.1239, -21.4004,  
-31.4521) contains.

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# Color

**HunterLab(62.1239,  
-21.4004, -31.4521)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B5E3
RGB	0, 181, 227
RGB Percent	0%, 71%, 89%
CMY	0.9998, 0.2902, 0.1098
CMYK	1.00, 0.20, 0.00, 0.11
HSL	192°, 100%, 45%
HSV	192°, 100%, 89%
XYZ	30.3890, 38.5938, 78.5207
YIQ	132.1250, -122.6420, -24.0660

# Conversions

## Conversions Part 2

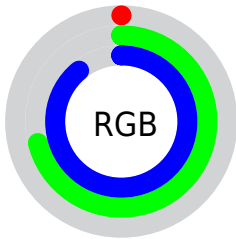
Format	Color
<b>RYB</b>	0, 101, 227
Decimal	46563
CIELab	68.46, -22.14, -33.74
CIELCh	68, 40.351, 236.729
Yxy	38.5951, 0.2060, 0.2616
Android (android.graphics.Color)	4278236643 (0xFF00B5E3)
YUV	132.1250, 46.7734, -115.8736
Hunter-Lab	62.1239, -21.4004, -31.4521

# Details

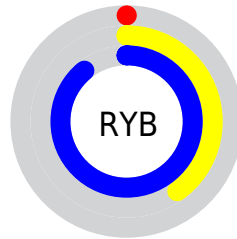
The HunterLab color **62.1239, -21.4004, -31.4521** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **42.7665, 61.4695, 27.4263**, and the grayscale version is **47.9483, -2.5584, 2.6051**.

A 20% lighter version of the original color is **84.2106, -32.0626, -15.2815**, and **42.8703, -12.2763, -27.0831** is the 20% darker color. If you saturate the color by 10%, you get **62.1207, -21.3957, -31.4583**, and if you desaturate by 10%, it is **63.7780, -22.9224, -28.6614**.

# Distribution



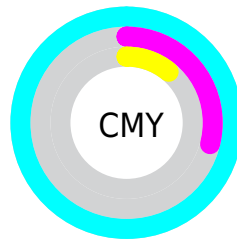
- Red (0%)
- Green (71%)
- Blue (89%)



- Red (0%)
- Yellow (40%)
- Blue (89%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (29%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.1239, -21.4004, -31.4521 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 62.1239, -21.4004, -31.4521 by changing the saturation by 10% instead.



62.1239, -21.4004,  
-31.4521

62.1239, -21.4004,  
-31.4521

184.4359,  
-36.6794, -34.6858

51.4246, -19.5832,  
-30.8550

85.4514, -24.9130,  
-32.5194

41.4207, -17.7067,  
-30.2384

98.0113, -26.6287,  
-32.9797

32.1657, -15.7470,  
-29.6390

111.1327,  
-28.3263, -33.3886

23.7259, -13.6677,  
-29.1405

124.7924,  
-30.0105, -33.7461

16.1893, -11.4063,  
-28.9489

138.9699,  
-31.6852, -34.0531

9.6809, -10.4977,  
-29.6757

153.6471,

0.0000, NaN, -NF

-33.3533, -34.3111

0.0000, NaN, -NF

168.8074,  
-35.0174, -34.5215

0.0000, NaN, NaN

■ 62.1239, -21.4004,  
-31.4521

■ 62.1239, -21.4004,  
-31.4521

■ 62.1207, -21.3957,  
-31.4583

■ 63.7780, -22.9224,  
-28.6614

■ 65.5972, -23.8392,  
-25.6828

■ 67.6194, -24.0100,  
-22.4753

■ 69.8551, -23.4002,  
-19.0477

■ 72.3073, -22.0103,  
-15.4204

■ 74.9742, -19.8647,  
-11.6198

■ 77.8506, -17.0043,  
-7.6740

■ 80.9288, -13.4798,  
-3.6103

■ 84.1999, -9.3472,  
0.5461

# Harmonies

## Analogous

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



62.1250, -31.6245, -13.5608



62.1239, -21.4004, -31.4521



62.1250, -5.3051, -39.9624

# Triad

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



62.1250, -21.4000, -31.4510



62.1250, 35.6880, 1.4493



62.1250, -18.3092, 26.3976

# Complementary

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



62.1239, -21.4004, -31.4521



42.7665, 61.4695, 27.4263

# 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.



62.1250, -1.3059, 28.3083



62.1239, -21.4004, -31.4521



62.1250, 31.1860, 16.5860

# Square

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



62.1250, -21.4000, -31.4510



62.1250, 28.7848, -17.8301



62.1250, 17.1019, 25.2976



62.1250, -29.9898, 19.0324



# Rectangle

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



62.1239, -21.4004, -31.4521



62.1250, 7.0958, -37.7704



62.1250, 17.1019, 25.2976



62.1250, -13.0884, 27.5872

# Sweetspot

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



62.1250, -21.4000, -31.4510



88.7508, -19.4812, -8.8560



74.2510, -62.7413, 42.6360



40.4036, -9.6947, -4.9888

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

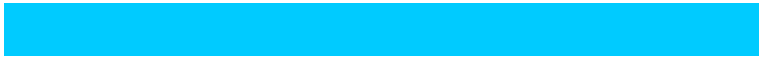


# Same Dimension

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



62.1250, -21.4000, -31.4510



70.7674, -24.2604, -36.0819



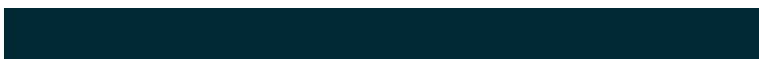
31.1415, 36.8788, -118.5281



39.7669, -4.2986, 0.3587



47.6191, -16.5845, -23.7185



13.4226, -5.1528, -5.6537



# Inverse Universe

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



44.3493, 83.4646, -29.6559



50.5834, 95.1791, -33.6196



64.1089, 10.4962, 39.6858



38.1609, 2.7428, -0.4471



33.8923, 63.8321, -22.9872



9.2820, 17.5952, -7.1763



# Previews

## White Background



This preview shows how the HunterLab color 62.1239, -21.4004, -31.4521 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 62.1239, -21.4004, -31.4521 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

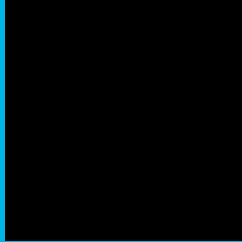
Any Text WCAG AA ✓ Pass

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 62.1239, -21.4004, -31.4521 Background



This preview shows how black text looks on a background with the HunterLab color 62.1239, -21.4004, -31.4521.



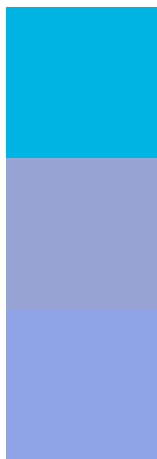
This preview shows how white text looks on a background with the HunterLab color 62.1239, -21.4004, -31.4521.

-21.4004, -31.4521.

# 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

62.1239, -21.4004, -31.4521

### Protanopia

61.7886, 3.2363, -22.9153

### Deuteranopia

61.8464, 4.9098, -34.2810

# Trichromacy



## Original Color

62.1239, -21.4004, -31.4521

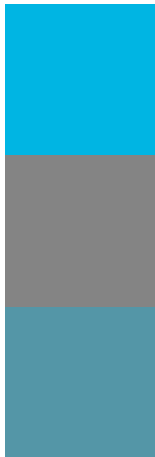
## Protanomaly

60.3368, -10.6526, -28.8623

## Deuteranomaly

60.6118, -8.6768, -36.0335

# Monochromacy



## Original Color

62.1239, -21.4004, -31.4521

## Achromatopsia

48.0354, -2.5630, 2.6099

## Achromatomaly

51.4660, -15.3667, -10.6729

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 62.1239, -21.4004, -31.4521 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, 181, 227)` looks like.

```
.text, #text, p{  
    color:rgb(0, 181, 227)  
}
```

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, 181, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 181, 227) }
```

## Border

The CSS property to change the border of an element to HunterLab 62.1239, -21.4004, -31.4521 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, 181, 227) }
```

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

```
.border{ border-color:rgb(0, 181, 227) }
```

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

Here you see how a box with a 4 pixel rgb(0, 181, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 181, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 181, 227);  
box-shadow:4px 4px 4px 4px rgb(0, 181,  
227) }
```



# Background

The CSS property to change the background color of an element to HunterLab 62.1239, -21.4004, -31.4521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 181, 227) }
```

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

```
.background{ background-color: rgb(0, 181,  
227) }
```

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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