

Converting Colors

HunterLab(62.7251, -21.7237,
-31.1436)

Have a look what the booklet for
HunterLab(62.7251, -21.7237,
-31.1436) contains.

HunterLab(62.8547, -21.9247, -30.8892)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(62.8547,
-21.9247, -30.8892)**

Conversions

Conversions Part 1

Format	Color
Hex	06B7E4
RGB	6, 183, 228
RGB Percent	2%, 72%, 89%
CMY	0.9762, 0.2823, 0.1059
CMYK	0.97, 0.20, 0.00, 0.11
HSL	192°, 95%, 46%
HSV	192°, 97%, 89%
XYZ	31.0122, 39.5071, 79.3900
YIQ	135.2070, -119.9370, -23.5290

Conversions

Conversions Part 2

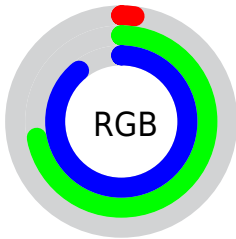
Format	Color
R _{YB}	6, 104, 228
Decimal	440292
CIE Lab	69.12, -22.66, -33.26
CIE LCh	69, 40.245, 235.726
Yxy	39.5085, 0.2069, 0.2635
Android (android.graphics.Color)	4278630372 (0xFF06B7E4)
YUV	135.2070, 45.7469, -113.3145
Hunter-Lab	62.8547, -21.9247, -30.8892

Details

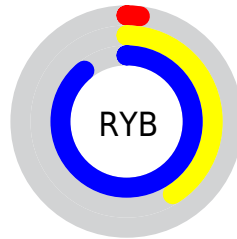
The HunterLab color **62.8547, -21.9247, -30.8892** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **43.4514, 60.4079, 27.5947**, and the grayscale version is **49.1703, -2.6236, 2.6715**.

A 20% lighter version of the original color is **84.9359, -32.8389, -14.2792**, and **43.5245, -12.8913, -26.5732** is the 20% darker color. If you saturate the color by 10%, you get **62.4217, -21.4907, -31.6294**, and if you desaturate by 10%, it is **64.5501, -23.3402, -28.0516**.

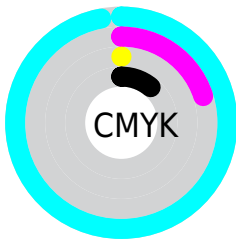
Distribution



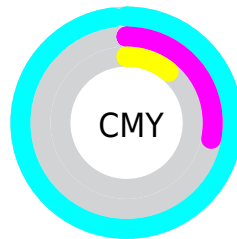
- Red (2%)
- Green (72%)
- Blue (89%)



- Red (2%)
- Yellow (41%)
- Blue (89%)



- Cyan (97%)
- Magenta (20%)
- Yellow (0%)
- Black (11%)



- Cyan (98%)
- Magenta (28%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.8547, -21.9247, -30.8892 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 62.8547, -21.9247, -30.8892 by changing the saturation by 10% instead.

62.8547, -21.9247,
-30.8892

62.8547, -21.9247,
-30.8892

185.4852,
-37.4110, -33.9898

52.1110, -20.0797,
-30.3023

86.2638, -25.4894,
-31.9298

42.0596, -18.1740,
-29.6918

98.8617, -27.2296,
-32.3754

32.7532, -16.1837,
-29.0903

112.0193,
-28.9508, -32.7690

24.2571, -14.0723,
-28.5736

125.7138,
-30.6578, -33.1112

16.6574, -11.7780,
-28.3266

139.9249,
-32.3545, -33.4028

10.0761, -10.4380,
-28.8903

154.6345,

0.0000, NaN, -NF

-34.0440, -33.6454

0.0000, NaN, -NF

169.8262,
-35.7288, -33.8406

0.0000, NaN, NaN

■ 62.8547, -21.9247,
-30.8892

■ 62.8547, -21.9247,
-30.8892

■ 62.4217, -21.4907,
-31.6294

■ 64.5501, -23.3402,
-28.0516

■ 66.4310, -24.0724,
-24.9965

■ 68.5196, -24.0414,
-21.7121

■ 70.8243, -23.2227,
-18.2108

■ 73.3467, -21.6240,
-14.5154

■ 76.0839, -19.2749,
-10.6531

■ 79.0298, -16.2198,
-6.6523

■ 82.1764, -12.5115,
-2.5399

■ 85.5144, -8.2068,
1.6595

Harmonies

Analogous

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



62.8558, -31.9505, -12.8621



62.8547, -21.9247, -30.8892



62.8558, -5.9514, -39.8023

Triad

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



62.8558, -21.9243, -30.8881



62.8558, 35.6057, 0.8821



62.8558, -17.8760, 26.6775

Complementary

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



62.8547, -21.9247, -30.8892



43.4514, 60.4079, 27.5947

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.



62.8558, -0.7202, 28.4376



62.8547, -21.9247, -30.8892



62.8558, 31.4845, 16.2553

Square

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



62.8558, -21.9243, -30.8881



62.8558, 28.3499, -18.4312



62.8558, 17.6515, 25.2283



62.8558, -29.8071, 19.4673

Rectangle

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



62.8547, -21.9247, -30.8892



62.8558, 6.4397, -37.9405



62.8558, 17.6515, 25.2283



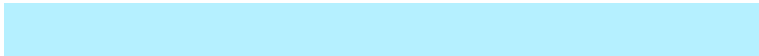
62.8558, -12.5885, 27.8190

Sweetspot

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



62.8558, -21.9243, -30.8881



89.0920, -19.1092, -8.3972



74.6731, -62.7780, 42.4778



40.5491, -9.5455, -4.7899

0.0000, NaN, NaN



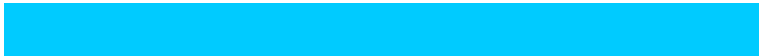
46.2646, -2.4686, 2.5136

Same Dimension

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



62.8558, -21.9243, -30.8881



70.7622, -24.2532, -36.0908



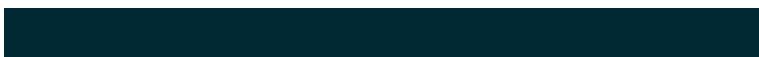
32.1851, 34.8458, -114.7711



39.7667, -4.2983, 0.3585



47.6157, -16.5798, -23.7243



13.4218, -5.1517, -5.6550

Inverse Universe

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



44.7713, 83.5534, -30.2786



50.5826, 95.1765, -33.6096



64.9183, 9.7039, 40.0133



38.1609, 2.7426, -0.4468



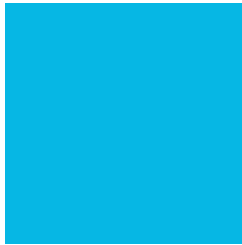
33.8918, 63.8304, -22.9806



9.2819, 17.5948, -7.1747

Previews

White Background



This preview shows how the HunterLab color 62.8547, -21.9247, -30.8892 looks on a white background.

Color Contrast Check

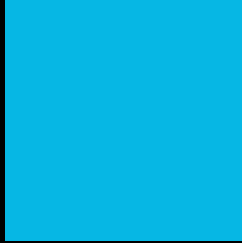
Large Text (above 18pt) WCAG AA × Fail

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 62.8547, -21.9247, -30.8892 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

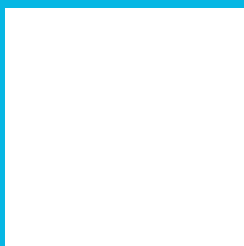
Any Text WCAG AAA ✓ Pass

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

HunterLab 62.8547, -21.9247, -30.8892 Background



This preview shows how black text looks on a background with the HunterLab color 62.8547, -21.9247, -30.8892.



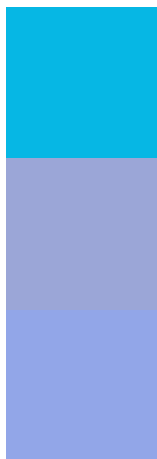
This preview shows how white text looks on a background with the HunterLab color 62.8547, -21.9247, -30.8892.

-21.9247, -30.8892.

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

62.8547, -21.9247, -30.8892

Protanopia

62.5678, 2.9665, -22.3160

Deuteranopia

62.6176, 4.6037, -33.6216



Tritanopia

62.7175, -29.7760, -14.1135

Trichromacy



Original Color

62.8547, -21.9247, -30.8892



Protanomaly

61.1875, -10.6986, -28.0943



Deuteranomaly

61.4064, -8.9312, -35.3137



Tritanomaly

62.7806, -27.0372, -19.9898

Monochromacy



Original Color

62.8547, -21.9247, -30.8892



Achromatopsia

49.2221, -2.6264, 2.6743



Achromatomaly

52.3410, -15.1569, -10.5327

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.8547, -21.9247, -30.8892 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(6, 183, 228)` looks like.

```
.text, #text, p{  
    color:rgb(6, 183, 228)  
}
```

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(6, 183, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 183, 228) }
```

Border

The CSS property to change the border of an element to HunterLab 62.8547, -21.9247, -30.8892 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(6, 183, 228) }
```


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

```
.border{ border-color:rgb(6, 183, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 183, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 183, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 183, 228);  
box-shadow:4px 4px 4px 4px rgb(6, 183,  
228) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.8547, -21.9247, -30.8892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 183, 228) }
```

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

```
.background{ background-color: rgb(6, 183,  
228) }
```

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