

Converting Colors

HunterLab(62.6662, -16.7970,
-37.4836)

Have a look what the booklet for
HunterLab(62.6662, -16.7970,
-37.4836) contains.

HunterLab(62.6662, -16.7970, -37.4836)	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(62.6662,
-16.7970, -37.4836)**

Conversions

Conversions Part 1

Format	Color
Hex	2BB4ED
RGB	43, 180, 237
RGB Percent	17%, 71%, 93%
CMY	0.8313, 0.2941, 0.0706
CMYK	0.82, 0.24, 0.00, 0.07
HSL	198°, 84%, 55%
HSV	198°, 82%, 93%
XYZ	32.6036, 39.2705, 85.9823
YIQ	145.5350, -99.9490, -11.3170

Conversions

Conversions Part 2

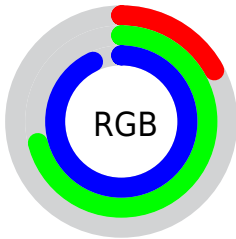
Format	Color
R_{YB}	43, 123, 237
Decimal	2864365
CIE _{Lab}	68.95, -16.14, -38.40
CIE _{LCh}	69, 41.655, 247.202
Yxy	39.2719, 0.2065, 0.2488
Android (android.graphics.Color)	4281054445 (0xFF2BB4ED)
YUV	145.5350, 45.0922, -89.9232
Hunter-Lab	62.6662, -16.7970, -37.4836

Details

The HunterLab color **62.6662, -16.7970, -37.4836** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **52.2466, 44.9572, 30.3855**, and the grayscale version is **53.2828, -2.8430, 2.8950**.

A 20% lighter version of the original color is **84.4250, -29.4896, -14.9351**, and **43.0290, -9.2178, -33.8838** is the 20% darker color. If you saturate the color by 10%, you get **60.1315, -14.6556, -42.2041**, and if you desaturate by 10%, it is **65.4402, -18.1107, -32.5848**.

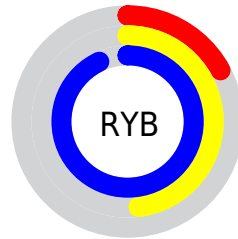
Distribution



Red (17%)

Green (71%)

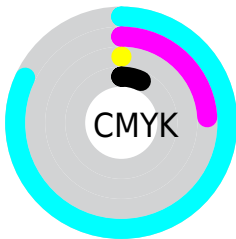
Blue (93%)



Red (17%)

Yellow (48%)

Blue (93%)

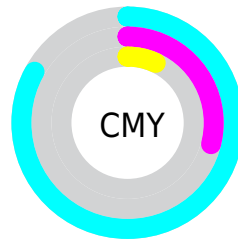


Cyan (82%)

Magenta (24%)

Yellow (0%)

Black (7%)



Cyan (83%)

Magenta (29%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.6662, -16.7970, -37.4836 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 62.6662, -16.7970, -37.4836 by changing the saturation by 10% instead.

■ 62.6662, -16.7970,
-37.4836

■ 62.6662, -16.7970,
-37.4836

185.2147,
-29.6411, -41.6449

■ 51.9339, -15.3316,
-36.8249

■ 86.0543, -19.6731,
-38.7224

■ 41.8947, -13.8365,
-36.1761

■ 98.6424, -21.0970,
-39.2823

■ 32.6015, -12.2962,
-35.5933

■ 111.7907,
-22.5169, -39.7956

■ 24.1199, -10.6873,
-35.1983

■ 125.4762,
-23.9359, -40.2610

■ 16.5364, -8.9697,
-35.2811

■ 139.6787,
-25.3561, -40.6779

■ 9.9738, -7.6557,
-36.6787

154.3800,

0.0000, NaN, -NF

-26.7795, -41.0469

0.0000, NaN, -NF

169.5636,
-28.2074, -41.3689

0.0000, NaN, -NF

■ 62.6662, -16.7970,
-37.4836

■ 62.6662, -16.7970,
-37.4836

■ 60.1315, -14.6556,
-42.2041

■ 65.4402, -18.1107,
-32.5848

■ 58.2105, -12.4159,
-45.9557

■ 68.4556, -18.5735,
-27.5371

■ 71.7104, -18.2017,
-22.3754

■ 75.1963, -17.0374,
-17.1360

■ 78.9024, -15.1369,
-11.8518

■ 82.8160, -12.5635,
-6.5500

■ 86.9243, -9.3818,
-1.2518

■ 91.2142, -5.6544,
4.0271

■ 95.5421, -1.8918,
9.1189

Harmonies

Analogous

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



62.6673, -29.7093, -21.2540



62.6662, -16.7970, -37.4836



62.6673, 1.2673, -41.4059

Triad

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



62.6673, -16.7965, -37.4824



62.6673, 36.8685, 7.5862



62.6673, -23.8122, 25.1469

Complementary

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



62.6662, -16.7970, -37.4836



52.2466, 44.9572, 30.3855

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.



62.6673, -7.8318, 28.9026



62.6662, -16.7970, -37.4836



62.6673, 28.2528, 20.8985

Square

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



62.6673, -16.7965, -37.4824



62.6673, 33.7349, -11.4919



62.6673, 11.3418, 27.6184



62.6673, -33.4128, 15.3663

Rectangle

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



62.6662, -16.7970, -37.4836



62.6673, 14.1179, -35.7093



62.6673, 11.3418, 27.6184



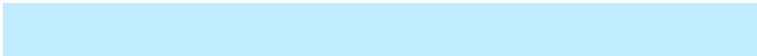
62.6673, -19.0869, 27.0004

Sweetspot

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



62.6673, -16.7965, -37.4824



88.5856, -14.6369, -8.9908



78.7175, -61.8244, 38.7232



40.2897, -7.2283, -5.0999

0.0000, NaN, NaN



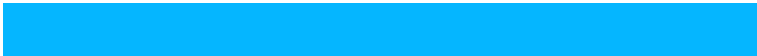
46.2646, -2.4686, 2.5136

Same Dimension

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



62.6673, -16.7965, -37.4824



63.6656, -13.9748, -49.1197



36.2397, 32.8040, -108.1781



40.4115, -3.9243, 0.0051



43.2871, -9.5873, -33.4089



12.7928, -3.6547, -8.1005

Inverse Universe

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



47.9888, 79.7886, -22.3829



49.7296, 91.3470, -20.2446



75.6285, -2.8434, 44.7590



39.0307, 2.6525, -0.0194



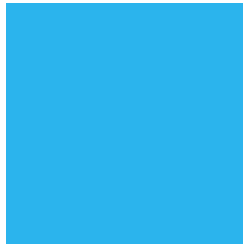
33.7408, 62.3894, -13.9127



9.5427, 17.7961, -5.1045

Previews

White Background



This preview shows how the HunterLab color 62.6662, -16.7970, -37.4836 looks on a white background.

Color Contrast Check

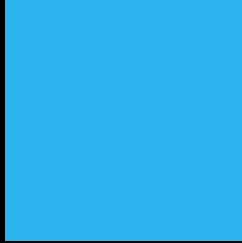
Large Text (above 18pt) WCAG AA × Fail

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 62.6662, -16.7970, -37.4836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

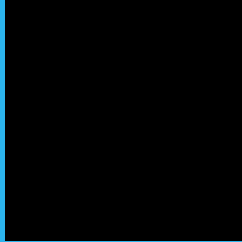
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

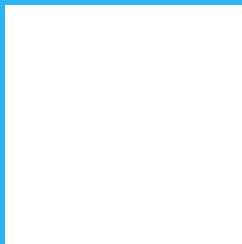
Any Text WCAG AAA ✓ Pass

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

HunterLab 62.6662, -16.7970, -37.4836 Background



This preview shows how black text looks on a background with the HunterLab color 62.6662, -16.7970, -37.4836.



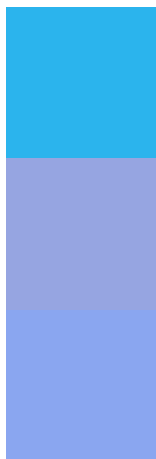
This preview shows how white text looks on a background with the HunterLab color 62.6662, -16.7970, -37.4836.

-16.7970, -37.4836.

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

62.6662, -16.7970, -37.4836

Protanopia

62.3142, 4.4522, -29.3015

Deuteranopia

62.4235, 4.6973, -39.7525



Tritanopia

62.6801, -29.9968, -13.5901

Trichromacy



Original Color

62.6662, -16.7970, -37.4836

Protanomaly

61.4704, -5.7266, -33.7218

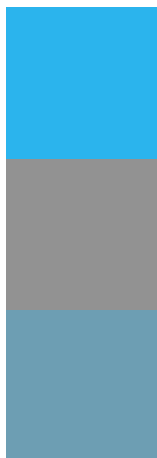
Deuteranomaly

61.8396, -5.0662, -40.2779

Tritanomaly

62.6061, -25.8380, -21.4912

Monochromacy



Original Color

62.6662, -16.7970, -37.4836

Achromatopsia

53.6135, -2.8607, 2.9129

Achromatomaly

55.6414, -11.8131, -11.3653

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.6662, -16.7970, -37.4836 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(43, 180, 237)` looks like.

```
.text, #text, p{  
    color:rgb(43, 180, 237)  
}
```

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(43, 180, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 180, 237) }
```

Border

The CSS property to change the border of an element to HunterLab 62.6662, -16.7970, -37.4836 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(43, 180, 237) }
```


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

```
.border{ border-color:rgb(43, 180, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 180, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 180, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 180, 237);  
box-shadow:4px 4px 4px 4px rgb(43, 180,  
237) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.6662, -16.7970, -37.4836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 180, 237) }
```

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

```
.background{ background-color: rgb(43, 180,  
237) }
```

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