

Converting Colors

HunterLab(64.8073, -17.6587,
-37.8364)

Have a look what the booklet for
HunterLab(64.8073, -17.6587,
-37.8364) contains.

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Color

**HunterLab(64.9382,
-17.8109, -37.7160)**

Conversions

Conversions Part 1

Format	Color
Hex	2EBAF3
RGB	46, 186, 243
RGB Percent	18%, 73%, 95%
CMY	0.8195, 0.2706, 0.0471
CMYK	0.81, 0.23, 0.00, 0.05
HSL	197°, 89%, 57%
HSV	197°, 81%, 95%
XYZ	34.8632, 42.1697, 91.0961
YIQ	150.6380, -101.7370, -11.9530

Conversions

Conversions Part 2

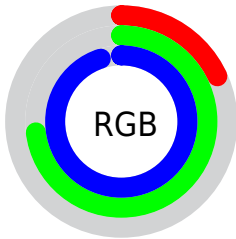
Format	Color
R _{YB}	46, 128, 243
Decimal	3062515
CIE _{Lab}	70.99, -17.03, -38.48
CIE _{LCh}	71, 42.077, 246.123
Y _{xy}	42.1711, 0.2074, 0.2508
Android (android.graphics.Color)	4281252595 (0xFF2EBAF3)
Y _{UV}	150.6380, 45.5345, -91.7675
Hunter-Lab	64.9382, -17.8109, -37.7160

Details

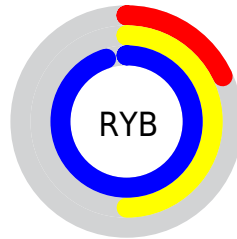
The HunterLab color **64.9382, -17.8109, -37.7160** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **53.8109, 46.1737, 31.1164**, and the grayscale version is **55.3375, -2.9527, 3.0066**.

A 20% lighter version of the original color is **86.6079, -31.7896, -11.9556**, and **45.1253, -10.3103, -34.1457** is the 20% darker color. If you saturate the color by 10%, you get **62.3434, -15.7135, -42.5012**, and if you desaturate by 10%, it is **67.7790, -19.0540, -32.7432**.

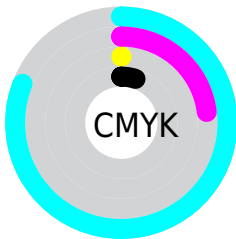
Distribution



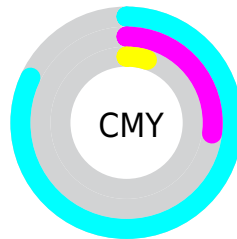
- Red (18%)
- Green (73%)
- Blue (95%)



- Red (18%)
- Yellow (50%)
- Blue (95%)



- Cyan (81%)
- Magenta (23%)
- Yellow (0%)
- Black (5%)



- Cyan (82%)
- Magenta (27%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.9382, -17.8109, -37.7160 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 64.9382, -17.8109, -37.7160 by changing the saturation by 10% instead.

■ 64.9382, -17.8109,
-37.7160

■ 64.9382, -17.8109,
-37.7160

188.4654,
-31.0070, -41.8103

■ 54.0697, -16.2997,
-37.0587

■ 88.5769, -20.7739,
-38.9429

■ 43.8850, -14.7572,
-36.4044

■ 101.2813,
-22.2391, -39.4950

■ 34.4347, -13.1681,
-35.8017

■ 114.5410,
-23.6991, -40.0003

■ 25.7813, -11.5095,
-35.3548

■ 128.3336,
-25.1568, -40.4575

■ 18.0060, -9.7432,
-35.3053

■ 142.6393,
-26.6148, -40.8663

■ 11.2224, -7.8612,
-36.3166

157.4403,

■ 3.3085, -5.7899,

-28.0748, -41.2274

-73.5900

172.7205,
-29.5384, -41.5417

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.9382, -17.8109,
-37.7160

■ 64.9382, -17.8109,
-37.7160

■ 62.3434, -15.7135,
-42.5012

■ 67.7790, -19.0540,
-32.7432

■ 60.1982, -13.2434,
-46.6537

■ 70.8677, -19.4215,
-27.6135

■ 74.2023, -18.9309,
-22.3622

■ 77.7742, -17.6261,
-17.0266

■ 81.5723, -15.5653,

-11.6403

■ 85.5838, -12.8135,
-6.2314

■ 89.7955, -9.4370,
-0.8219

■ 94.1941, -5.5002,
4.5720

■ 97.8054, -4.3830,
8.7876

Harmonies

Analogous

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



64.9393, -30.7955, -20.8961



64.9382, -17.8109, -37.7160



64.9393, 0.5356, -42.2445

Triad

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



64.9393, -17.8104, -37.7148



64.9393, 37.6797, 7.1870



64.9393, -23.9202, 26.0649

Complementary

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



64.9382, -17.8109, -37.7160



53.8109, 46.1737, 31.1164

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.



64.9393, -7.3778, 29.7414



64.9382, -17.8109, -37.7160



64.9393, 29.2902, 21.0851

Square

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



64.9393, -17.8104, -37.7148



64.9393, 34.0483, -12.4304



64.9393, 12.2374, 28.2301



64.9393, -34.0244, 16.2564

Rectangle

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



64.9382, -17.8109, -37.7160



64.9393, 13.6834, -36.7951



64.9393, 12.2374, 28.2301



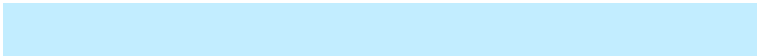
64.9393, -19.0064, 27.9049

Sweetspot

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



64.9393, -17.8104, -37.7148



89.1067, -14.4788, -8.2966



81.0179, -63.4167, 39.6458



40.5237, -7.1818, -4.7828

0.0000, NaN, NaN



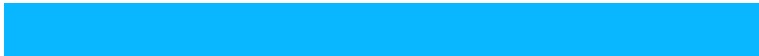
46.2646, -2.4686, 2.5136

Same Dimension

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



64.9393, -17.8104, -37.7148



64.2750, -14.8167, -47.9236



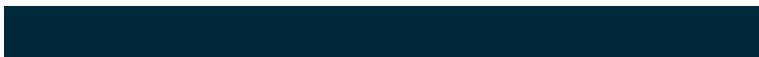
37.6124, 33.1401, -109.9089



42.3087, -4.1401, 0.0130



44.8684, -10.2163, -34.0275



13.9478, -3.9707, -8.8620

Inverse Universe

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



49.5536, 81.8748, -23.6154



49.8626, 91.4274, -21.2218



77.9165, -3.0576, 45.9900



40.8433, 2.8084, -0.0538



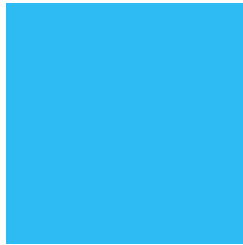
34.8306, 64.4537, -14.7436



10.4117, 19.4138, -5.5476

Previews

White Background



This preview shows how the HunterLab color 64.9382, -17.8109, -37.7160 looks on a white background.

Color Contrast Check

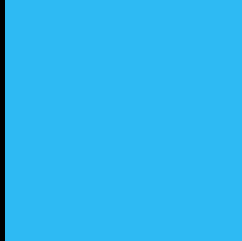
Large Text (above 18pt) WCAG AA × Fail

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 64.9382, -17.8109, -37.7160 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

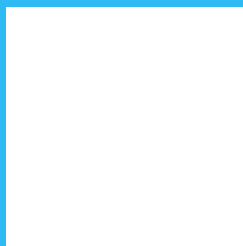
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.9382, -17.8109, -37.7160 Background



This preview shows how black text looks on a background with the HunterLab color 64.9382, -17.8109, -37.7160.



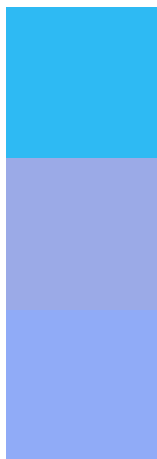
This preview shows how white text looks on a background with the HunterLab color 64.9382, -17.8109, -37.7160.

-17.8109, -37.7160.

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

64.9382, -17.8109, -37.7160

Protanopia

64.4108, 4.5506, -29.8215

Deuteranopia

64.6301, 5.2518, -40.8083



Tritanopia

64.9648, -30.9511, -14.3858

Trichromacy



Original Color

64.9382, -17.8109, -37.7160

Protanomaly

63.7916, -6.4492, -33.8557

Deuteranomaly

63.9473, -4.8754, -41.5200

Tritanomaly

64.8948, -26.7489, -22.3426

Monochromacy



Original Color

64.9382, -17.8109, -37.7160

Achromatopsia

55.6299, -2.9683, 3.0225

Achromatomaly

57.8985, -12.7259, -10.9833

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.9382, -17.8109, -37.7160 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(46, 186, 243)` looks like.

```
.text, #text, p{  
    color:rgb(46, 186, 243)  
}
```

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(46, 186, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 186, 243) }
```

Border

The CSS property to change the border of an element to HunterLab 64.9382, -17.8109, -37.7160 is called "border". The border property can be set on classes, ids or directly on the HTML element.

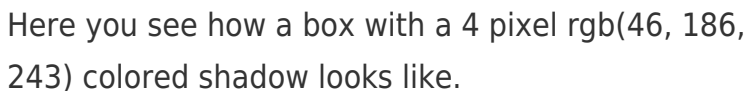
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(46, 186, 243) }
```


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

```
.border{ border-color:rgb(46, 186, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(46, 186, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 186, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 186, 243);  
box-shadow:4px 4px 4px 4px rgb(46, 186,  
243) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.9382, -17.8109, -37.7160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 186, 243) }
```

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

```
.background{ background-color: rgb(46, 186,  
243) }
```

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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