

Converting Colors

HunterLab(64.7706, -16.5003,
-33.7175)

Have a look what the booklet for
HunterLab(64.7706, -16.5003,
-33.7175) contains.

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Color

**HunterLab(64.9245,
-16.7487, -33.4544)**

Conversions

Conversions Part 1

Format	Color
Hex	47B9ED
RGB	71, 185, 237
RGB Percent	28%, 73%, 93%
CMY	0.7215, 0.2745, 0.0706
CMYK	0.70, 0.22, 0.00, 0.07
HSL	199°, 82%, 60%
HSV	199°, 70%, 93%
XYZ	35.2335, 42.1519, 86.3998
YIQ	156.8420, -84.6360, -7.9960

Conversions

Conversions Part 2

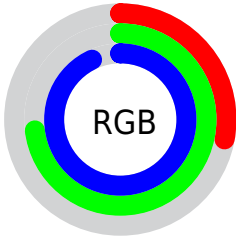
Format	Color
RYB	71, 139, 237
Decimal	4700653
CIELab	70.98, -15.72, -35.20
CIELCh	71, 38.550, 245.941
Yxy	42.1534, 0.2151, 0.2574
Android (android.graphics.Color)	4282890733 (0xFF47B9ED)
YUV	156.8420, 39.5179, -75.2834
Hunter-Lab	64.9245, -16.7487, -33.4544

Details

The HunterLab color **64.9245, -16.7487, -33.4544** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **57.1209, 34.8712, 29.6186**, and the grayscale version is **57.8722, -3.0879, 3.1443**.

A 20% lighter version of the original color is **86.9102, -28.8899, -11.4933**, and **44.5407, -11.4535, -30.9471** is the 20% darker color. If you saturate the color by 10%, you get **61.9672, -15.3735, -38.7452**, and if you desaturate by 10%, it is **68.1314, -17.2646, -28.0442**.

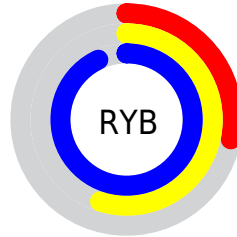
Distribution



Red (28%)

Green (73%)

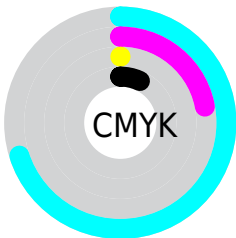
Blue (93%)



Red (28%)

Yellow (55%)

Blue (93%)

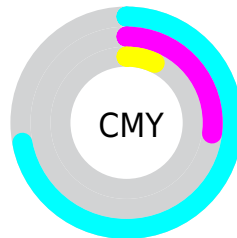


Cyan (70%)

Magenta (22%)

Yellow (0%)

Black (7%)



Cyan (72%)

Magenta (27%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.9245, -16.7487, -33.4544 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 64.9245, -16.7487, -33.4544 by changing the saturation by 10% instead.

■ 64.9245, -16.7487,
-33.4544

■ 64.9245, -16.7487,
-33.4544

188.4459,
-29.4218, -36.8902

■ 54.0568, -15.3123,
-32.8415

■ 88.5617, -19.5762,
-34.5589

■ 43.8730, -13.8501,
-32.2113

■ 101.2654,
-20.9789, -35.0404

■ 34.4237, -12.3488,
-31.5990

■ 114.5245,
-22.3792, -35.4714

■ 25.7712, -10.7877,
-31.0830

■ 128.3165,
-23.7799, -35.8521

■ 17.9971, -9.1325,
-30.8480

142.6215,
-25.1830, -36.1831

■ 11.2148, -7.3493,
-31.4075

157.4219,

■ 3.2880, -5.7540,

-26.5901, -36.4655

-63.4668

172.7015,
-28.0027, -36.7007

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.9245, -16.7487,
-33.4544

■ 64.9245, -16.7487,
-33.4544

■ 61.9672, -15.3735,
-38.7452

■ 68.1314, -17.2646,
-28.0442

■ 59.2546, -13.1502,
-43.8873

■ 71.5783, -16.9495,
-22.5571


■ 56.7651, -10.2217,
-48.8858


■ 75.2558, -15.8530,
-17.0287


■ 79.1512, -14.0367,
-11.4899


■ 83.2510, -11.5666,

-5.9648

 87.5413, -8.5085,
-0.4711

 92.0089, -4.9248,
4.9794

 96.0808, -2.8025,
9.7137

 98.4293, -6.7153,
12.2720

Harmonies

Analogous

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



64.9256, -28.7524, -18.4455



64.9245, -16.7487, -33.4544



64.9256, 0.0867, -37.5385

Triad

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



64.9256, -16.7484, -33.4532



64.9256, 33.9049, 6.7914



64.9256, -22.2329, 24.6359

Complementary

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



64.9245, -16.7487, -33.4544



57.1209, 34.8712, 29.6186

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.



64.9256, -6.9473, 28.1651



64.9245, -16.7487, -33.4544



64.9256, 26.3977, 19.7882

Square

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



64.9256, -16.7484, -33.4532



64.9256, 30.5652, -11.0736



64.9256, 10.9744, 26.6640



64.9256, -31.6739, 15.3795

Rectangle

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



64.9245, -16.7487, -33.4544



64.9256, 12.0753, -32.7714



64.9256, 10.9744, 26.6640



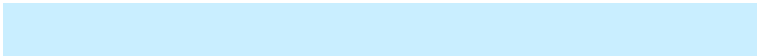
64.9256, -17.6735, 26.4001

Sweetspot

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



64.9256, -16.7484, -33.4532



89.9889, -12.8806, -7.1079



79.5517, -57.7126, 34.5732



41.0545, -6.3256, -4.0576

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.9256, -16.7484, -33.4532



66.0384, -15.7783, -44.5236



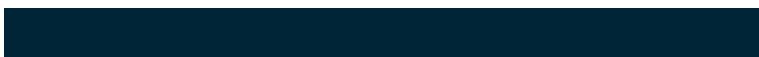
41.7099, 24.8249, -87.7554



40.3480, -3.8215, -0.0713



42.2343, -7.9982, -35.5234



12.5351, -3.2833, -8.5800

Inverse Universe

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



51.0053, 71.5018, -20.6748



51.4379, 87.2843, -21.5501



78.4550, -6.2246, 43.7282



39.0241, 2.6170, 0.0748



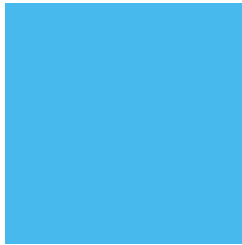
33.6058, 61.9063, -12.0467



9.5081, 17.6728, -4.6307

Previews

White Background



This preview shows how the HunterLab color 64.9245, -16.7487, -33.4544 looks on a white background.

Color Contrast Check

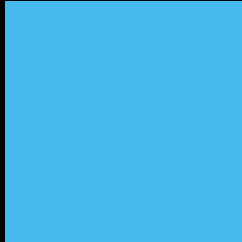
Large Text (above 18pt) WCAG AA × Fail

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 64.9245, -16.7487, -33.4544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

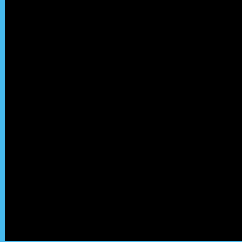
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

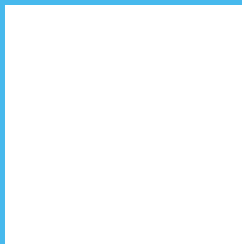
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.9245, -16.7487, -33.4544 Background



This preview shows how black text looks on a background with the HunterLab color 64.9245, -16.7487, -33.4544.



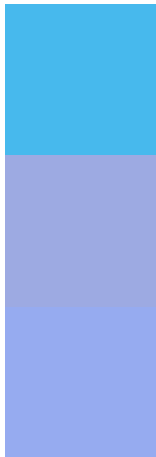
This preview shows how white text looks on a background with the HunterLab color 64.9245, -16.7487, -33.4544.

-16.7487, -33.4544.

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

64.9245, -16.7487, -33.4544

Protanopia

64.3495, 3.9118, -26.5740

Deuteranopia

64.7311, 4.9339, -35.5352



Tritanopia

65.0929, -28.7990, -13.5812

Trichromacy



Original Color

64.9245, -16.7487, -33.4544

Protanomaly

63.8817, -5.0058, -30.2059

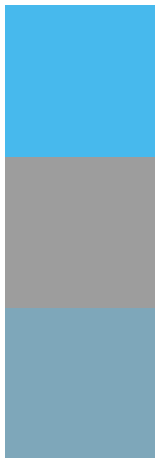
Deuteranomaly

64.3021, -4.2927, -35.7487

Tritanomaly

65.0191, -24.8085, -20.2312

Monochromacy



Original Color

64.9245, -16.7487, -33.4544

Achromatopsia

58.0658, -3.0982, 3.1548

Achromatomaly

59.6810, -10.8689, -9.5651

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.9245, -16.7487, -33.4544 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(71, 185, 237)` looks like.

```
.text, #text, p{  
    color:rgb(71, 185, 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(71, 185, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 185, 237) }
```

Border

The CSS property to change the border of an element to HunterLab 64.9245, -16.7487, -33.4544 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(71, 185, 237) }
```


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

```
.border{ border-color:rgb(71, 185, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 185, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 185, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 185, 237);  
box-shadow:4px 4px 4px 4px rgb(71, 185,  
237) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.9245, -16.7487, -33.4544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 185, 237) }
```

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

```
.background{ background-color: rgb(71, 185,  
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](#).

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