

Converting Colors

HunterLab(64.2433, -16.8090,
-35.0122)

Have a look what the booklet for
HunterLab(64.2433, -16.8090,
-35.0122) contains.

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Color

**HunterLab(64.4035,
-16.9210, -35.0775)**

Conversions

Conversions Part 1

Format	Color
Hex	3EB8EE
RGB	62, 184, 238
RGB Percent	24%, 72%, 93%
CMY	0.7568, 0.2784, 0.0667
CMYK	0.74, 0.23, 0.00, 0.07
HSL	198°, 84%, 59%
HSV	198°, 74%, 93%
XYZ	34.5596, 41.4781, 87.0734
YIQ	153.6780, -90.0460, -9.0700

Conversions

Conversions Part 2

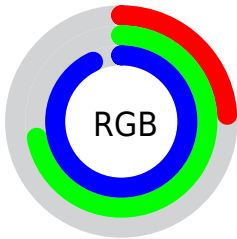
Format	Color
R _Y B	62, 134, 238
Decimal	4110574
CIE Lab	70.51, -16.01, -36.48
CIE LCh	71, 39.844, 246.304
Yxy	41.4796, 0.2119, 0.2543
Android (android.graphics.Color)	4282300654 (0xFF3EB8EE)
YUV	153.6780, 41.5707, -80.4016
Hunter-Lab	64.4035, -16.9210, -35.0775

Details

The HunterLab color **64.4035, -16.9210, -35.0775** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **55.6943, 38.3521, 30.1364**, and the grayscale version is **56.5799, -3.0190, 3.0741**.

A 20% lighter version of the original color is **86.2819, -29.5015, -12.3612**, and **44.2832, -10.7451, -32.1546** is the 20% darker color. If you saturate the color by 10%, you get **61.5751, -15.2735, -40.2128**, and if you desaturate by 10%, it is **67.4814, -17.7064, -29.7989**.

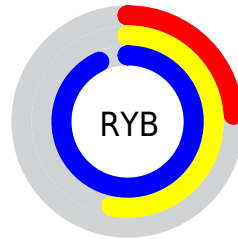
Distribution



Red (24%)

Green (72%)

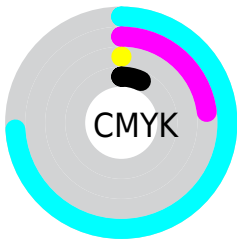
Blue (93%)



Red (24%)

Yellow (53%)

Blue (93%)

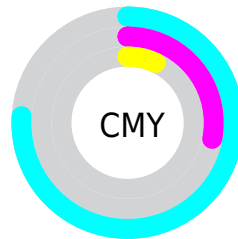


Cyan (74%)

Magenta (23%)

Yellow (0%)

Black (7%)



Cyan (76%)

Magenta (28%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.4035, -16.9210, -35.0775 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 64.4035, -16.9210, -35.0775 by changing the saturation by 10% instead.

■ 64.4035, -16.9210,
-35.0775

■ 64.4035, -16.9210,
-35.0775

187.7021,
-29.7121, -38.7976

■ 53.5668, -15.4667,
-34.4445

■ 87.9837, -19.7800,
-36.2362

■ 43.4160, -13.9849,
-33.8031

■ 100.6610,
-21.1970, -36.7485

■ 34.0023, -12.4615,
-33.1948

■ 113.8947,
-22.6108, -37.2118

■ 25.3887, -10.8750,
-32.7112

■ 127.6623,
-24.0243, -37.6254

■ 17.6580, -9.1889,
-32.5671

141.9439,
-25.4395, -37.9898

■ 10.9255, -7.4371,
-33.3637

156.7215,

■ 2.3775, -4.1607,

-26.8584, -38.3058

-91.3359

171.9792,
-28.2822, -38.5746

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.4035, -16.9210,
-35.0775

■ 64.4035, -16.9210,
-35.0775

■ 61.5751, -15.2735,
-40.2128

■ 67.4814, -17.7064,
-29.7989

■ 58.9862, -12.7981,
-45.1833

■ 70.8024, -17.6440,
-24.4179


■ 57.5103, -10.9950,
-48.1477


■ 74.3590, -16.7745,
-18.9712


■ 78.1397, -15.1551,
-13.4925


■ 82.1314, -12.8501,

-8.0095

 86.3205, -9.9257,
-2.5433

 90.6935, -6.4458,
2.8913

 95.2377, -2.4704,
8.2841

 97.7926, -5.4495,
11.1219

Harmonies

Analogous

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



64.4046, -29.3063, -19.5063



64.4035, -16.9210, -35.0775



64.4046, 0.4514, -39.1839

Triad

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



64.4046, -16.9206, -35.0763



64.4046, 35.2030, 7.0580



64.4046, -22.8936, 24.9918

Complementary

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



64.4035, -16.9210, -35.0775



55.6943, 38.3521, 30.1364

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.



64.4046, -7.2410, 28.6088



64.4035, -16.9210, -35.0775



64.4046, 27.2878, 20.2776

Square

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



64.4046, -16.9206, -35.0763



64.4046, 31.8738, -11.3739



64.4046, 11.2497, 27.1616



64.4046, -32.4774, 15.5102

Rectangle

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



64.4035, -16.9210, -35.0775



64.4046, 12.8279, -34.0876



64.4046, 11.2497, 27.1616



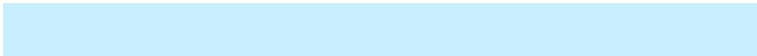
64.4046, -18.2379, 26.7934

Sweetspot

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



64.4046, -16.9206, -35.0763



89.6512, -13.3566, -7.5591



79.6289, -59.4453, 35.9923



40.9181, -6.5411, -4.2430

0.0000, NaN, NaN



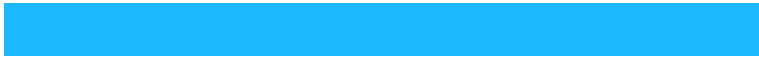
46.2646, -2.4686, 2.5136

Same Dimension

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



64.4046, -16.9206, -35.0763



65.0526, -15.1820, -46.4078



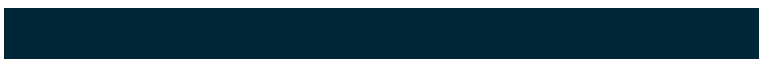
39.7315, 28.0248, -95.7361



41.3071, -3.9491, -0.0526



43.2336, -8.6347, -35.3985



13.1534, -3.5030, -8.8787

Inverse Universe

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



50.0846, 74.9953, -21.5088



50.6074, 89.3888, -21.2616



78.1948, -5.7201, 44.6262



39.9299, 2.7016, 0.0395



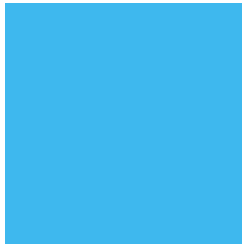
34.1764, 63.0318, -12.8280



9.9467, 18.4992, -4.9299

Previews

White Background



This preview shows how the HunterLab color 64.4035, -16.9210, -35.0775 looks on a white background.

Color Contrast Check

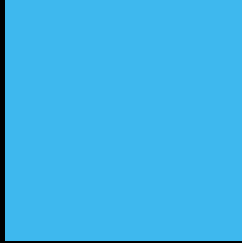
Large Text (above 18pt) WCAG AA × Fail

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 64.4035, -16.9210, -35.0775 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

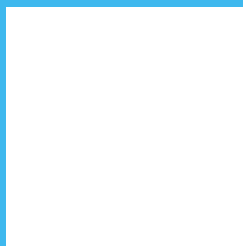
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.4035, -16.9210, -35.0775 Background



This preview shows how black text looks on a background with the HunterLab color 64.4035, -16.9210, -35.0775.



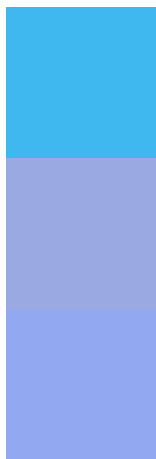
This preview shows how white text looks on a background with the HunterLab color 64.4035, -16.9210, -35.0775.

-16.9210, -35.0775.

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

64.4035, -16.9210, -35.0775

Protanopia

63.9457, 4.1366, -27.9064

Deuteranopia

63.9045, 5.2573, -37.7403



Tritanopia

64.4407, -29.6771, -13.9526

Trichromacy



Original Color

64.4035, -16.9210, -35.0775

Protanomaly

63.3298, -5.2853, -31.8478

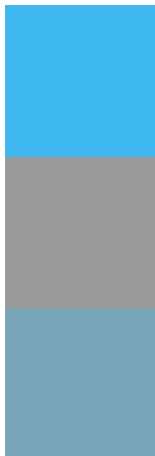
Deuteranomaly

63.4099, -4.1813, -38.0821

Tritanomaly

64.3960, -25.4818, -21.2062

Monochromacy



Original Color

64.4035, -16.9210, -35.0775

Achromatopsia

56.8457, -3.0331, 3.0885

Achromatomaly

58.7180, -11.2622, -10.3615

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.4035, -16.9210, -35.0775 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(62, 184, 238)` looks like.

```
.text, #text, p{  
    color:rgb(62, 184, 238)  
}
```

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(62, 184, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 184, 238) }
```

Border

The CSS property to change the border of an element to HunterLab 64.4035, -16.9210, -35.0775 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(62, 184, 238) }
```


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

```
.border{ border-color:rgb(62, 184, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 184, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 184, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 184, 238);  
box-shadow:4px 4px 4px 4px rgb(62, 184,  
238) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.4035, -16.9210, -35.0775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 184, 238) }
```

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

```
.background{ background-color: rgb(62, 184,  
238) }
```

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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