

Converting Colors

HunterLab(76.8149, -35.0526,
-16.9110)

Have a look what the booklet for
HunterLab(76.8149, -35.0526,
-16.9110) contains.

HunterLab(76.8149, -35.0526, -16.9110)	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(76.8149,
-35.0526, -16.9110)**

Conversions

Conversions Part 1

Format	Color
Hex	29DEF0
RGB	41, 222, 240
RGB Percent	16%, 87%, 94%
CMY	0.8391, 0.1294, 0.0588
CMYK	0.83, 0.07, 0.00, 0.06
HSL	185°, 87%, 55%
HSV	185°, 83%, 94%
XYZ	42.7639, 59.0053, 91.5734
YIQ	169.9330, -113.6540, -32.7740

Conversions

Conversions Part 2

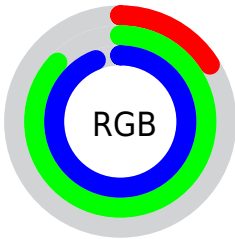
Format	Color
R _Y B	41, 136, 240
Decimal	2744048
CIE Lab	81.30, -36.24, -21.03
CIE LCh	81, 41.901, 210.132
Yxy	59.0074, 0.2212, 0.3052
Android (android.graphics.Color)	4280934128 (0xFF29DEF0)
YUV	169.9330, 34.5430, -113.0742
Hunter-Lab	76.8149, -35.0526, -16.9110

Details

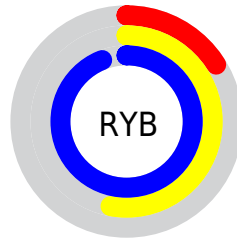
The HunterLab color **76.8149, -35.0526, -16.9110** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **46.7072, 63.1086, 27.2202**, and the grayscale version is **63.2729, -3.3761, 3.4377**.

A 20% lighter version of the original color is **91.1181, -37.7596, -6.0752**, and **55.4375, -25.2519, -14.7805** is the 20% darker color. If you saturate the color by 10%, you get **75.8348, -35.0066, -18.3374**, and if you desaturate by 10%, it is **77.9877, -34.3690, -15.2203**.

Distribution



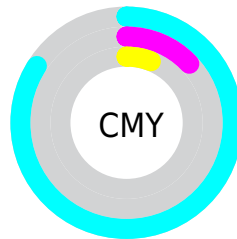
- Red (16%)
- Green (87%)
- Blue (94%)



- Red (16%)
- Yellow (53%)
- Blue (94%)



- Cyan (83%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (84%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.8149, -35.0526, -16.9110 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 76.8149, -35.0526, -16.9110 by changing the saturation by 10% instead.

76.8149, -35.0526,
-16.9110

76.8149, -35.0526,
-16.9110

205.1657,
-55.7605, -16.4367

65.2833, -32.5055,
-16.7006

101.6801,
-39.9307, -17.1515

54.3934, -29.8616,
-16.4284

114.9565,
-42.2880, -17.1902

44.1869, -27.0936,
-16.0914

128.7652,
-44.6034, -17.1779

34.7133, -24.1620,
-15.6900

143.0863,
-46.8841, -17.1173

26.0343, -21.0066,
-15.2322

157.9022,
-49.1358, -17.0109

18.2306, -17.5300,
-14.7471

173.1969,

11.4144, -15.2228,

-51.3632, -16.8606

-14.3333

188.9558,
-53.5703, -16.6686

■ 3.7874, -6.6279,
-25.3711

0.0000, NaN, -NF

■ 76.8149, -35.0526,
-16.9110

■ 76.8149, -35.0526,
-16.9110

■ 75.8348, -35.0066,
-18.3374


■ 77.9877, -34.3690,
-15.2203

■ 75.2238, -34.6466,
-19.2311


■ 79.3705, -32.8819,
-13.2503

■ 80.9781, -30.5561,
-10.9964


■ 82.8180, -27.3868,
-8.4663

 84.8928, -23.3930,
-5.6754

 87.2017, -18.6124,
-2.6445

 89.7406, -13.0952,
0.6023

 92.5034, -6.9005,
4.0399

 95.2800, -0.7842,
7.3978

Harmonies

Analogous

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



76.8163, -39.3935, 4.0955



76.8149, -35.0526, -16.9110



76.8163, -22.6047, -35.5272

Triad

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



76.8163, -35.0525, -16.9098



76.8163, 32.7921, -16.7220



76.8163, -4.1929, 32.8324

Complementary

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



76.8149, -35.0526, -16.9110



46.7072, 63.1086, 27.2202

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.



76.8163, 16.3349, 29.9298



76.8149, -35.0526, -16.9110



76.8163, 38.9937, 4.2670

Square

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



76.8163, -35.0525, -16.9098



76.8163, 16.5070, -35.4003



76.8163, 32.6857, 20.5943



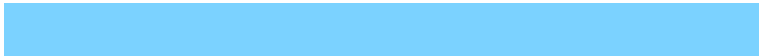
76.8163, -22.7456, 29.8771

Rectangle

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



76.8149, -35.0526, -16.9110



76.8163, -10.6834, -42.1776



76.8163, 32.6857, 20.5943



76.8163, 2.7070, 32.5215

Sweetspot

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



76.8163, -35.0525, -16.9098



92.8573, -21.1209, -3.5592



79.4320, -65.2314, 44.8551



42.5523, -10.6212, -2.1805

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.8163, -35.0525, -16.9098



80.6491, -37.1442, -20.5065



46.0009, 12.0159, -77.6991



42.0358, -5.1196, 0.8170



55.7483, -25.7500, -14.0938



16.2984, -7.7004, -3.7488

Inverse Universe

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



50.3855, 88.6573, -48.7237



52.1066, 100.1601, -53.1475



65.4455, 17.5039, 38.7314



40.0066, 3.1122, -1.0496



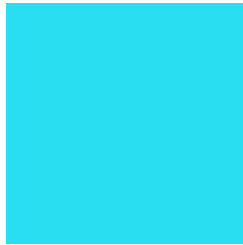
35.9594, 69.3394, -36.9014



10.4062, 20.1198, -11.0971

Previews

White Background



This preview shows how the HunterLab color 76.8149, -35.0526, -16.9110 looks on a white background.

Color Contrast Check

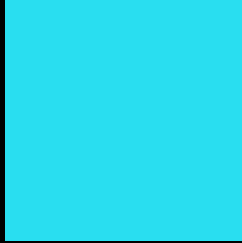
Large Text (above 18pt) WCAG AA × Fail

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 76.8149, -35.0526, -16.9110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

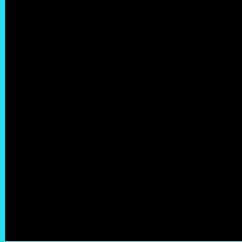
Any Text WCAG AA ✓ Pass

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 76.8149, -35.0526, -16.9110 Background



This preview shows how black text looks on a background with the HunterLab color 76.8149, -35.0526, -16.9110.



This preview shows how white text looks on a background with the HunterLab color 76.8149,

-35.0526, -16.9110.

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

76.8149, -35.0526, -16.9110

Protanopia

76.1701, -0.2396, -8.5164

Deuteranopia

76.1604, 5.9385, -20.8419



Tritanopia

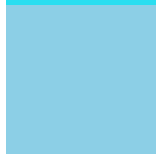
76.8149, -35.0526, -16.9110

Trichromacy



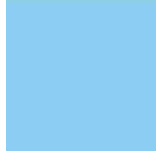
Original Color

76.8149, -35.0526, -16.9110



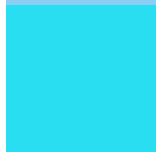
Protanomaly

74.7758, -17.6814, -13.5921



Deuteranomaly

74.6791, -13.6256, -22.1724



Tritanomaly

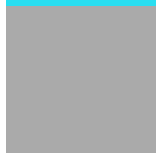
76.8149, -35.0526, -16.9110

Monochromacy



Original Color

76.8149, -35.0526, -16.9110



Achromatopsia

63.4017, -3.3830, 3.4447



Achromatomaly

66.7430, -19.9420, -5.0868

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.8149, -35.0526, -16.9110 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(41, 222, 240)` looks like.

```
.text, #text, p{  
    color:rgb(41, 222, 240)  
}
```

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(41, 222, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 222, 240) }
```

Border

The CSS property to change the border of an element to HunterLab 76.8149, -35.0526, -16.9110 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(41, 222, 240) }
```


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

```
.border{ border-color:rgb(41, 222, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 222, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 222, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 222, 240);  
box-shadow:4px 4px 4px 4px rgb(41, 222,  
240) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.8149, -35.0526, -16.9110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 222, 240) }
```

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

```
.background{ background-color: rgb(41, 222,  
240) }
```

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