

Converting Colors

HunterLab(72.4188, -36.5214,
-7.0106)

Have a look what the booklet for
HunterLab(72.4188, -36.5214,
-7.0106) contains.

HunterLab(72.4188, -36.5214, -7.0106)	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(72.4188,
-36.5214, -7.0106)**

Conversions

Conversions Part 1

Format	Color
Hex	2FD4D4
RGB	47, 212, 212
RGB Percent	18%, 83%, 83%
CMY	0.8156, 0.1686, 0.1686
CMYK	0.78, 0.00, 0.00, 0.17
HSL	180°, 66%, 51%
HSV	180°, 78%, 83%
XYZ	36.5995, 52.4448, 70.4813
YIQ	162.6650, -98.3400, -34.9800

Conversions

Conversions Part 2

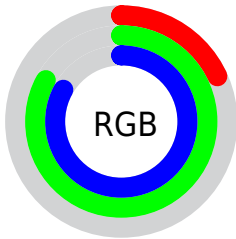
Format	Color
RYB	47, 130, 212
Decimal	3134676
CIELab	77.55, -39.46, -11.72
CIELCh	78, 41.159, 196.546
Yxy	52.4468, 0.2294, 0.3288
Android (android.graphics.Color)	4281324756 (0xFF2FD4D4)
YUV	162.6650, 24.3222, -101.4382
Hunter-Lab	72.4188, -36.5214, -7.0106

Details

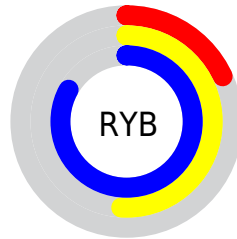
The HunterLab color **72.4188, -36.5214, -7.0106** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **40.2952, 56.5427, 21.8601**, and the grayscale version is **60.3163, -3.2183, 3.2771**.

A 20% lighter version of the original color is **91.0774, -37.9158, -6.1305**, and **51.5250, -27.3161, -5.4342** is the 20% darker color. If you saturate the color by 10%, you get **72.1521, -37.5770, -7.3826**, and if you desaturate by 10%, it is **72.8552, -34.8179, -6.4073**.

Distribution



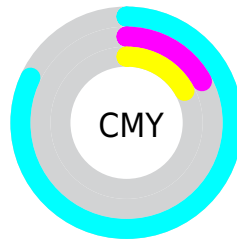
- Red (18%)
- Green (83%)
- Blue (83%)



- Red (18%)
- Yellow (51%)
- Blue (83%)



- Cyan (78%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (82%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.4188, -36.5214, -7.0106 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 72.4188, -36.5214, -7.0106 by changing the saturation by 10% instead.

72.4188, -36.5214,
-7.0106

72.4188, -36.5214,
-7.0106

199.0374,
-58.6746, -3.9789

61.1239, -33.7520,
-7.1107

96.8451, -41.7919,
-6.6440

50.4850, -30.8618,
-7.1510

109.9164,
-44.3250, -6.3872

40.5469, -27.8162,
-7.1247

123.5280,
-46.8057, -6.0852

31.3631, -24.5641,
-7.0251

137.6592,
-49.2426, -5.7407

23.0014, -21.0266,
-6.8446

152.2916,
-51.6427, -5.3559

15.5524, -17.0721,
-6.5779

167.4086,

9.1407, -15.9962,

-54.0117, -4.9329

-6.2453

182.9951,
-56.3543, -4.4733

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 72.4188, -36.5214,
-7.0106

■ 72.4188, -36.5214,
-7.0106

■ 72.1521, -37.5770,
-7.3826

■ 72.8552, -34.8179,
-6.4073

■ 72.0221, -38.0904,
-7.5639

■ 73.4755, -32.4081,
-5.5550


■ 72.0015, -38.1722,
-7.5928


■ 74.2945, -29.2614,
-4.4413


■ 75.3212, -25.3700,
-3.0631


■ 76.5611, -20.7468,

-1.4242

 78.0164, -15.4216,
0.4655

 79.6868, -9.4373,
2.5917

 81.5691, -2.8468,
4.9364

 83.6586, 4.2917,
7.4796

Harmonies

Analogous

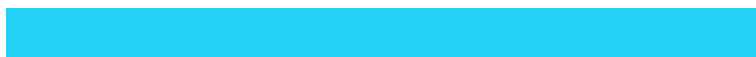
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.4202, -36.9485, 11.7851



72.4188, -36.5214, -7.0106



72.4202, -27.9717, -27.1508

Triad

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



72.4202, -36.5215, -7.0096



72.4202, 25.5192, -25.2484



72.4202, 5.0958, 30.8273

Complementary

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



72.4188, -36.5214, -7.0106



40.2952, 56.5427, 21.8601

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.



72.4202, 23.8692, 25.4084



72.4188, -36.5214, -7.0106



72.4202, 36.4779, -4.8899

Square

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



72.4202, -36.5215, -7.0096



72.4202, 7.1615, -39.4456



72.4202, 35.8439, 13.4121



72.4202, -14.2746, 30.5434

Rectangle

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



72.4188, -36.5214, -7.0106



72.4202, -18.2435, -37.1797



72.4202, 35.8439, 13.4121



72.4202, 11.7242, 29.6899

Sweetspot

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



72.4202, -36.5215, -7.0096



95.1434, -22.6668, -0.7258



69.2575, -55.8357, 39.3951



43.7248, -11.5634, -0.7178

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.4202, -36.5215, -7.0096



88.8071, -46.7607, -9.2575



46.8305, -0.6008, -50.0157



37.5605, -4.9378, 1.0575



56.5718, -29.9920, -5.9657



13.8936, -7.3658, -1.4652

Inverse Universe

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



40.2952, 56.5427, 21.8601



46.6165, 77.5665, 29.3630



54.1473, 21.3599, 30.7930



35.2432, 1.2461, 2.9627



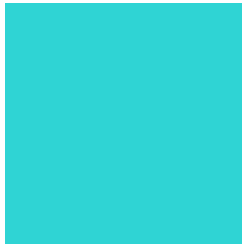
29.3957, 50.3411, 18.9947



7.2193, 12.3634, 4.6649

Previews

White Background



This preview shows how the HunterLab color 72.4188, -36.5214, -7.0106 looks on a white background.

Color Contrast Check

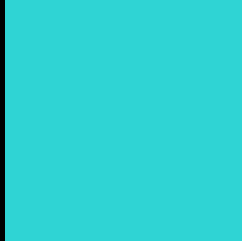
Large Text (above 18pt) WCAG AA × Fail

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 72.4188, -36.5214, -7.0106 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

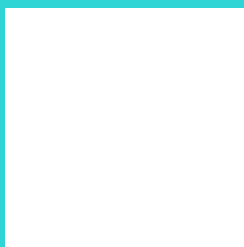
Any Text WCAG AAA ✓ Pass

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

HunterLab 72.4188, -36.5214, -7.0106 Background



This preview shows how black text looks on a background with the HunterLab color 72.4188, -36.5214, -7.0106.



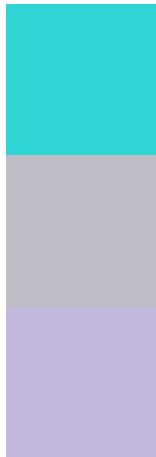
This preview shows how white text looks on a background with the HunterLab color 72.4188,

-36.5214, -7.0106.

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

72.4188, -36.5214, -7.0106

Protanopia

71.7975, -1.6446, 0.0935

Deuteranopia

71.6673, 5.3665, -10.6192



Tritanopia

72.5045, -31.5690, -15.3035

Trichromacy



Original Color

72.4188, -36.5214, -7.0106



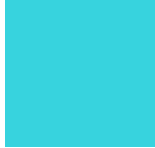
Protanomaly

70.5218, -18.6415, -4.3725



Deuteranomaly

70.4633, -14.6496, -11.5015



Tritanomaly

72.5773, -33.4170, -12.3184

Monochromacy



Original Color

72.4188, -36.5214, -7.0106



Achromatopsia

60.5188, -3.2291, 3.2881



Achromatomaly

63.5994, -19.3833, -1.9036

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.4188, -36.5214, -7.0106 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(47, 212, 212)` looks like.

```
.text, #text, p{  
    color:rgb(47, 212, 212)  
}
```

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(47, 212, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 212, 212) }
```

Border

The CSS property to change the border of an element to HunterLab 72.4188, -36.5214, -7.0106 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(47, 212, 212) }
```


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

```
.border{ border-color:rgb(47, 212, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 212, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 212, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 212, 212);  
box-shadow:4px 4px 4px 4px rgb(47, 212,  
212) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.4188, -36.5214, -7.0106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 212, 212) }
```

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

```
.background{ background-color: rgb(47, 212,  
212) }
```

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