

Converting Colors

HunterLab(70.0735, -46.2624,
20.7161)

Have a look what the booklet for
HunterLab(70.0735, -46.2624,
20.7161) contains.

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Color

**HunterLab(70.0735,
-46.2624, 20.7161)**

Conversions

Conversions Part 1

Format	Color
Hex	3FD28E
RGB	63, 210, 142
RGB Percent	25%, 82%, 56%
CMY	0.7529, 0.1765, 0.4431
CMYK	0.70, 0.00, 0.32, 0.18
HSL	152°, 62%, 54%
HSV	152°, 70%, 82%
XYZ	29.9790, 49.1030, 33.4889
YIQ	158.2950, -65.7840, -52.3120

Conversions

Conversions Part 2

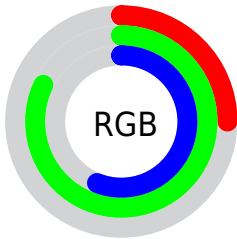
Format	Color
RYB	63, 159, 210
Decimal	4182670
CIELab	75.52, -54.11, 22.78
CIELCh	76, 58.711, 157.167
Yxy	49.1049, 0.2663, 0.4362
Android (android.graphics.Color)	4282372750 (0xFF3FD28E)
YUV	158.2950, -8.0334, -83.5737
Hunter-Lab	70.0735, -46.2624, 20.7161

Details

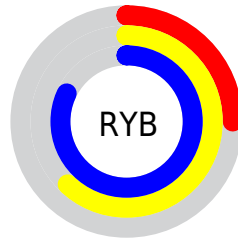
The HunterLab color **70.0735, -46.2624, 20.7161** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **43.4701, 57.1933, -1.5026**, and the grayscale version is **58.6463, -3.1292, 3.1864**.

A 20% lighter version of the original color is **89.4957, -47.6655, 19.7141**, and **48.8534, -36.3721, 17.4545** is the 20% darker color. If you saturate the color by 10%, you get **69.4702, -49.1478, 23.2279**, and if you desaturate by 10%, it is **70.8786, -42.5717, 18.1825**.

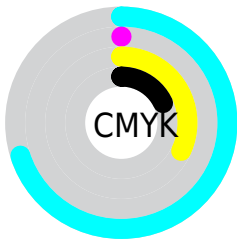
Distribution



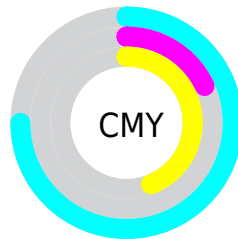
- Red (25%)
- Green (82%)
- Blue (56%)



- Red (25%)
- Yellow (62%)
- Blue (82%)



- Cyan (70%)
- Magenta (0%)
- Yellow (32%)
- Black (18%)



- Cyan (75%)
- Magenta (18%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.0735, -46.2624, 20.7161 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 70.0735, -46.2624, 20.7161 by changing the saturation by 10% instead.

■ 70.0735, -46.2624,
20.7161

■ 70.0735, -46.2624,
20.7161

195.7435,
-74.7020, 36.2918

■ 58.9090, -42.5749,
18.8646

■ 94.2588, -53.1896,
24.2999

■ 48.4086, -38.6875,
16.9540

■ 107.2176,
-56.4792, 26.0498

■ 38.6190, -34.5458,
14.9641

■ 120.7212,
-59.6776, 27.7808

■ 29.5960, -30.0697,
12.8645

■ 134.7485,
-62.7986, 29.4977

■ 21.4114, -25.1364,
10.6087

■ 149.2805,
-65.8532, 31.2045

■ 14.1619, -20.8536,
8.7513

164.3004,

■ 7.8148, -13.6760,

-68.8505, 32.9041

5.4704

179.7927,
-71.7980, 34.5992

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.0735, -46.2624,
20.7161

■ 70.0735, -46.2624,
20.7161

■ 69.4702, -49.1478,
23.2279

■ 70.8786, -42.5717,
18.1825

■ 69.0462, -51.2748,
25.6774

■ 71.8937, -38.0584,
15.6624

■ 68.7634, -52.7913,
28.0132


■ 73.1279, -32.7359,
13.1912


■ 68.7634, -52.7915,
28.0135


■ 74.5849, -26.6391,
10.8006


■ 76.2649, -19.8206,

8.5179

 78.1654, -12.3446,
6.3658

 80.2814, -4.2825,
4.3616

 82.6060, 4.2922,
2.5176

 85.1312, 13.3069,
0.8414

Harmonies

Analogous

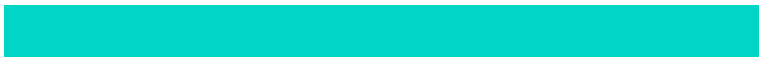
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.0749, -33.0158, 33.3025



70.0735, -46.2624, 20.7161



70.0749, -49.0173, -2.7827

Triad

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



70.0749, -46.2631, 20.7167



70.0749, 3.0038, -67.0621



70.0749, 43.7745, 27.9779

Complementary

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



70.0735, -46.2624, 20.7161



43.4701, 57.1933, -1.5026

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.



70.0749, 57.0875, 9.8265



70.0735, -46.2624, 20.7161



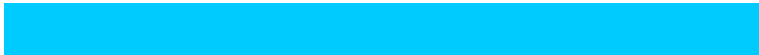
70.0749, 31.2976, -49.5371

Square

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



70.0749, -46.2631, 20.7167



70.0749, -23.1752, -60.5109



70.0749, 52.1998, -18.7467



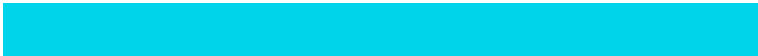
70.0749, 18.0691, 36.2192

Rectangle

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



70.0735, -46.2624, 20.7161



70.0749, -44.9931, -23.3809



70.0749, 52.1998, -18.7467



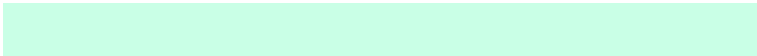
70.0749, 50.0151, 23.1756

Sweetspot

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



70.0749, -46.2631, 20.7167



94.7238, -25.7848, 10.9533



71.6433, -42.1625, 39.5159



43.5448, -13.0528, 5.4302

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.0749, -46.2631, 20.7167



86.2465, -62.6407, 30.4531



70.3011, -32.7892, -8.6795



36.4842, -5.5378, 2.9094



53.7233, -41.1119, 21.5993



12.7660, -9.3349, 4.1950

Inverse Universe

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



43.4701, 57.1933, -1.5026



49.7215, 80.8251, 2.5189



42.6424, 49.0212, 20.5949



34.4934, 1.9062, 1.0272



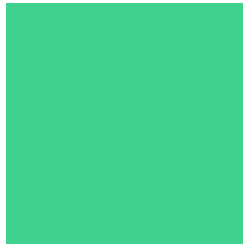
29.8426, 52.9425, 5.0497



7.1687, 12.9265, -0.4054

Previews

White Background



This preview shows how the HunterLab color 70.0735, -46.2624, 20.7161 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 70.0735, -46.2624, 20.7161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

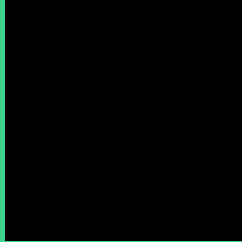
Any Text WCAG AA ✓ Pass

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 70.0735, -46.2624, 20.7161 Background



This preview shows how black text looks on a background with the HunterLab color 70.0735, -46.2624, 20.7161.



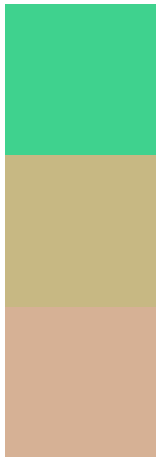
This preview shows how white text looks on a background with the HunterLab color 70.0735,

-46.2624, 20.7161.

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

70.0735, -46.2624, 20.7161

Protanopia

69.3266, -5.9966, 24.2497

Deuteranopia

69.2173, 4.9193, 18.3818



Tritanopia

70.0787, -26.0369, -12.8131

Trichromacy



Original Color

70.0735, -46.2624, 20.7161



Protanomaly

68.0979, -24.7526, 21.5713



Deuteranomaly

67.7063, -19.1365, 17.5716



Tritanomaly

69.7834, -34.2137, 1.0114

Monochromacy



Original Color

70.0735, -46.2624, 20.7161



Achromatopsia

58.4734, -3.1200, 3.1770



Achromatomaly

61.5810, -22.0894, 8.9586

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.0735, -46.2624, 20.7161 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(63, 210, 142)` looks like.

```
.text, #text, p{  
    color:rgb(63, 210, 142)  
}
```

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(63, 210, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 210, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 70.0735, -46.2624, 20.7161 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(63, 210, 142) }
```


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

```
.border{ border-color:rgb(63, 210, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 210, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 210, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 210, 142);  
box-shadow:4px 4px 4px 4px rgb(63, 210,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.0735, -46.2624, 20.7161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 210, 142) }
```

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

```
.background{ background-color: rgb(63, 210,  
142) }
```

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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