

Converting Colors

HunterLab(71.7856, -42.4564,
31.0927)

Have a look what the booklet for
HunterLab(71.7856, -42.4564,
31.0927) contains.

HunterLab(71.7281, -42.4909, 31.0236)	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(71.7281,
-42.4909, 31.0236)**

Conversions

Conversions Part 1

Format	Color
Hex	74D36F
RGB	116, 211, 111
RGB Percent	45%, 83%, 44%
CMY	0.5451, 0.1725, 0.5647
CMYK	0.45, 0.00, 0.47, 0.17
HSL	117°, 53%, 63%
HSV	117°, 47%, 83%
XYZ	33.3659, 51.4492, 23.2110
YIQ	171.1950, -24.5200, -51.2400

Conversions

Conversions Part 2

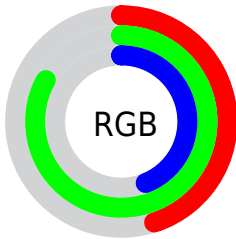
Format	Color
RYB	111, 211, 206
Decimal	7656303
CIELab	76.95, -47.93, 40.79
CIElCh	77, 62.937, 139.606
Yxy	51.4514, 0.3089, 0.4763
Android (android.graphics.Color)	4285846383 (0xFF74D36F)
YUV	171.1950, -29.6761, -48.4060
Hunter-Lab	71.7281, -42.4909, 31.0236

Details

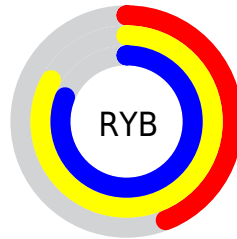
The HunterLab color **71.7281, -42.4909, 31.0236** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **54.0329, 47.1594, -33.5067**, and the grayscale version is **64.0236, -3.4161, 3.4785**.

A 20% lighter version of the original color is **91.1507, -42.6145, 32.5752**, and **50.0027, -35.9246, 25.1135** is the 20% darker color. If you saturate the color by 10%, you get **70.5772, -47.7478, 34.5459**, and if you desaturate by 10%, it is **73.1420, -36.1686, 26.7110**.

Distribution



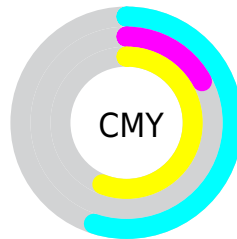
- Red (45%)
- Green (83%)
- Blue (44%)



- Red (44%)
- Yellow (83%)
- Blue (81%)



- Cyan (45%)
- Magenta (0%)
- Yellow (47%)
- Black (17%)



- Cyan (55%)
- Magenta (17%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.7281, -42.4909, 31.0236 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 71.7281, -42.4909, 31.0236 by changing the saturation by 10% instead.

■ 71.7281, -42.4909,
31.0236

■ 71.7281, -42.4909,
31.0236

198.0694,
-68.2077, 54.2439

■ 60.4714, -39.2072,
28.0707

■ 96.0841, -48.6955,
36.6100

■ 49.8730, -35.7598,
24.9766

■ 109.1225,
-51.6564, 39.2791

■ 39.9782, -32.1045,
21.7071

■ 122.7025,
-54.5437, 41.8839

■ 30.8412, -28.1752,
18.2170

■ 136.8033,
-57.3688, 44.4347

■ 22.5311, -23.8706,
14.7262

151.4064,
-60.1408, 46.9397

■ 15.1401, -19.2613,
10.5981

166.4949,

■ 8.7726, -15.3521,

-62.8673, 49.4059

6.1408

182.0539,
-65.5546, 51.8390

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.7281, -42.4909,
31.0236

■ 71.7281, -42.4909,
31.0236

■ 70.5772, -47.7478,
34.5459

■ 73.1420, -36.1686,
26.7110

■ 69.6782, -51.9067,
37.2633

■ 74.8160, -28.8372,
21.6437

■ 69.0205, -54.9781,
39.1932

■ 76.7494, -20.5805,
15.8773

■ 68.5855, -57.0165,
40.3883


■ 78.9363, -11.4954,
9.4790

■ 68.3453, -58.1364,


■ 81.3686, -1.6852,

40.9592

2.5219

 68.3071, -58.3172,
41.0696

 84.0360, 8.7465,
-4.9195

 86.6433, 18.5141,
-11.0268

Harmonies

Analogous

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



71.7296, -22.0787, 38.6288



71.7281, -42.4909, 31.0236



71.7296, -51.9731, 13.0658

Triad

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



71.7296, -42.4921, 31.0241



71.7296, -13.8871, -73.1515



71.7296, 58.5821, 19.9044

Complementary

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



71.7281, -42.4909, 31.0236



54.0329, 47.1594, -33.5067

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.



71.7296, 61.7419, -6.6516



71.7281, -42.4909, 31.0236



71.7296, 16.4451, -68.8442

Square

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



71.7296, -42.4921, 31.0241



71.7296, -37.3409, -51.3116



71.7296, 45.2809, -41.2096



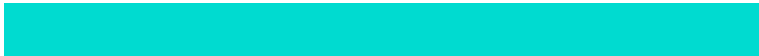
71.7296, 37.2450, 34.2659

Rectangle

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



71.7281, -42.4909, 31.0236



71.7296, -52.0709, -5.8094



71.7296, 45.2809, -41.2096



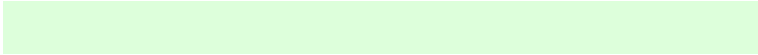
71.7296, 61.9244, 12.4249

Sweetspot

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



71.7296, -42.4921, 31.0241



95.9352, -21.9571, 17.1839



76.9037, -14.3335, 35.5417



44.1195, -11.2665, 8.7288

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.7296, -42.4921, 31.0241



87.4152, -59.2904, 42.8889



72.3676, -38.2112, 18.1537



36.3786, -6.2039, 5.0122



53.0758, -45.2497, 31.9129



12.5906, -10.5279, 7.5740

Inverse Universe

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



54.0329, 47.1594, -33.5067



61.8099, 71.4764, -51.4124



52.8888, 40.5317, -7.1452



34.6088, 2.6157, -1.3167



32.0943, 63.8060, -47.8148



7.6510, 15.1768, -11.1349

Previews

White Background



This preview shows how the HunterLab color 71.7281, -42.4909, 31.0236 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 71.7281, -42.4909, 31.0236 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 71.7281, -42.4909, 31.0236 Background



This preview shows how black text looks on a background with the HunterLab color 71.7281, -42.4909, 31.0236.



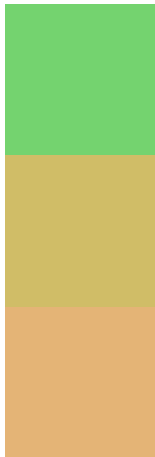
This preview shows how white text looks on a background with the HunterLab color 71.7281,

-42.4909, 31.0236.

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

71.7281, -42.4909, 31.0236

Protanopia

71.2631, -7.8410, 33.0987

Deuteranopia

71.0243, 5.3551, 29.5508



Tritanopia

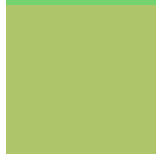
71.4643, -17.6451, -9.6108

Trichromacy



Original Color

71.7281, -42.4909, 31.0236



Protanomaly

70.7722, -22.3414, 31.7950



Deuteranomaly

70.0458, -14.9927, 29.1704



Tritanomaly

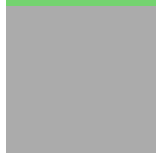
71.1009, -28.1607, 8.6336

Monochromacy



Original Color

71.7281, -42.4909, 31.0236



Achromatopsia

63.8154, -3.4050, 3.4672



Achromatomaly

66.2322, -19.5680, 15.0159

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.7281, -42.4909, 31.0236 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(116, 211, 111)` looks like.

```
.text, #text, p{  
    color:rgb(116, 211, 111)  
}
```

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(116, 211, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 211, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 71.7281, -42.4909, 31.0236 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(116, 211, 111) }
```


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

```
.border{ border-color:rgb(116, 211, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 211, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 211, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 211, 111);  
box-shadow:4px 4px 4px 4px rgb(116, 211,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.7281, -42.4909, 31.0236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 211, 111) }
```

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

```
.background{ background-color: rgb(116,  
211, 111) }
```

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