

Converting Colors

HunterLab(70.4359, -43.9591,
28.5064)

Have a look what the booklet for
HunterLab(70.4359, -43.9591,
28.5064) contains.

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Color

**HunterLab(70.4234,
-43.9899, 28.4555)**

Conversions

Conversions Part 1

Format	Color
Hex	64D175
RGB	100, 209, 117
RGB Percent	39%, 82%, 46%
CMY	0.6078, 0.1804, 0.5412
CMYK	0.52, 0.00, 0.44, 0.18
HSL	129°, 54%, 61%
HSV	129°, 52%, 82%
XYZ	31.2668, 49.5946, 24.7544
YIQ	165.9210, -35.4320, -51.7200

Conversions

Conversions Part 2

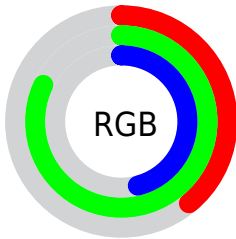
Format	Color
RYB	100, 194, 209
Decimal	6607221
CIELab	75.82, -50.62, 36.24
CIELCh	76, 62.256, 144.395
Yxy	49.5966, 0.2960, 0.4696
Android (android.graphics.Color)	4284797301 (0xFF64D175)
YUV	165.9210, -24.1181, -57.8127
Hunter-Lab	70.4234, -43.9899, 28.4555

Details

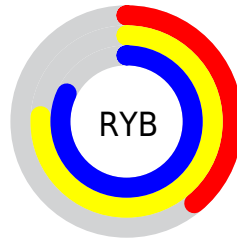
The HunterLab color **70.4234, -43.9899, 28.4555** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **51.4551, 49.9904, -24.8826**, and the grayscale version is **61.8269, -3.2989, 3.3592**.

A 20% lighter version of the original color is **90.3833, -45.3706, 29.9523**, and **48.8790, -36.9818, 23.0303** is the 20% darker color. If you saturate the color by 10%, you get **69.4098, -48.6790, 31.7568**, and if you desaturate by 10%, it is **71.6937, -38.2706, 24.6602**.

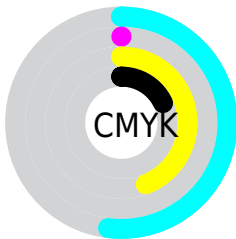
Distribution



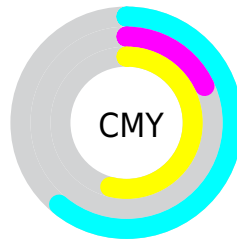
- Red (39%)
- Green (82%)
- Blue (46%)



- Red (39%)
- Yellow (76%)
- Blue (82%)



- Cyan (52%)
- Magenta (0%)
- Yellow (44%)
- Black (18%)





- Cyan (61%)
- Magenta (18%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.4234, -43.9899, 28.4555 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 70.4234, -43.9899, 28.4555 by changing the saturation by 10% instead.


 70.4234, -43.9899,
28.4555

 70.4234, -43.9899,
28.4555


196.2362,
-70.9132, 49.7379


 59.2393, -40.5245,
25.7765


 94.6451, -50.5176,
33.5389


 48.7181, -36.8779,
22.9739


 107.6208,
-53.6246, 35.9757

 38.9060, -33.0005,
20.0148


 121.1406,
-56.6498, 38.3590

 29.8588, -28.8190,
16.8543

 135.1835,
-59.6057, 40.6978

 21.6473, -24.2201,
13.5687

149.7307,
-62.5025, 42.9996

 14.3676, -19.8125,
10.0573

164.7651,

 8.0276, -14.0483,

-65.3482, 45.2703

5.6193

180.2716,
-68.1499, 47.5150

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.4234, -43.9899,
28.4555

■ 70.4234, -43.9899,
28.4555

■ 69.4098, -48.6790,
31.7568

■ 71.6937, -38.2706,
24.6602

■ 68.6392, -52.3210,
34.5317

■ 73.2205, -31.5644,
20.4127

■ 68.0976, -54.9429,
36.7659

■ 75.0049, -23.9437,
15.7661

■ 67.7623, -56.6173,
38.4620

■ 77.0430, -15.4970,
10.7776


■ 67.6095, -57.4071,


■ 79.3278, -6.3221,

39.4195

5.5055

 81.8503, 3.4806,
0.0060

 84.5995, 13.8139,
-5.6691

 86.0714, 19.6212,
-11.7900

Harmonies

Analogous

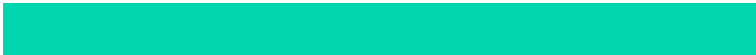
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.4249, -25.5692, 37.2748



70.4234, -43.9899, 28.4555



70.4249, -51.5490, 8.8730

Triad

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



70.4249, -43.9910, 28.4560



70.4249, -9.1838, -73.1619



70.4249, 55.2947, 22.5832

Complementary

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



70.4234, -43.9899, 28.4555



51.4551, 49.9904, -24.8826

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.



70.4249, 61.5948, -1.6085



70.4234, -43.9899, 28.4555



70.4249, 21.0722, -64.5956

Square

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



70.4249, -43.9910, 28.4560



70.4249, -33.6727, -55.2042



70.4249, 48.1938, -35.0872



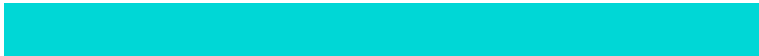
70.4249, 32.1619, 34.9851

Rectangle

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



70.4234, -43.9899, 28.4555



70.4249, -50.4760, -10.8472



70.4249, 48.1938, -35.0872



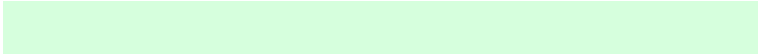
70.4249, 59.5947, 15.9067

Sweetspot

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



70.4249, -43.9910, 28.4560



95.4167, -23.7870, 16.0616



76.0361, -22.7139, 37.0540



43.8984, -12.0238, 8.0326

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.4249, -43.9910, 28.4560



86.7525, -61.7642, 40.3595



71.5869, -37.0239, 11.6144



36.3812, -6.1132, 4.3840



53.0960, -45.0208, 30.8216



12.5937, -10.4038, 6.7177

Inverse Universe

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



51.4551, 49.9904, -24.8826



59.1927, 75.9866, -37.1394



49.5073, 41.1827, 2.3620



34.6064, 2.5122, -0.5799



32.1127, 61.0802, -26.4283



7.6508, 14.6448, -7.0146

Previews

White Background



This preview shows how the HunterLab color 70.4234, -43.9899, 28.4555 looks on a white background.

Color Contrast Check

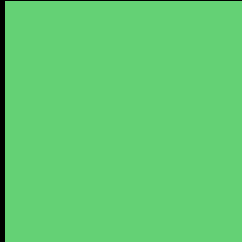
Large Text (above 18pt) WCAG AA × Fail

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 70.4234, -43.9899, 28.4555 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 70.4234, -43.9899, 28.4555 Background



This preview shows how black text looks on a background with the HunterLab color 70.4234, -43.9899, 28.4555.



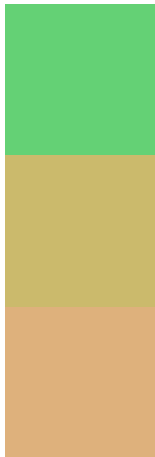
This preview shows how white text looks on a background with the HunterLab color 70.4234,

-43.9899, 28.4555.

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

70.4234, -43.9899, 28.4555

Protanopia

69.9264, -7.7703, 30.9230

Deuteranopia

69.5910, 5.1426, 26.7255



Tritanopia

70.3237, -20.2665, -10.6584

Trichromacy



Original Color

70.4234, -43.9899, 28.4555



Protanomaly

69.1652, -23.2614, 29.3203



Deuteranomaly

68.7318, -16.3756, 26.4613



Tritanomaly

70.1003, -30.1732, 6.5963

Monochromacy



Original Color

70.4234, -43.9899, 28.4555



Achromatopsia

61.7516, -3.2949, 3.3551



Achromatomaly

64.2999, -20.2806, 13.4322

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.4234, -43.9899, 28.4555 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(100, 209, 117)` looks like.

```
.text, #text, p{  
    color:rgb(100, 209, 117)  
}
```

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(100, 209, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 209, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 70.4234, -43.9899, 28.4555 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(100, 209, 117) }
```


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

```
.border{ border-color:rgb(100, 209, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 209, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 209, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 209, 117);  
box-shadow:4px 4px 4px 4px rgb(100, 209,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.4234, -43.9899, 28.4555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 209, 117) }
```

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

```
.background{ background-color: rgb(100,  
209, 117) }
```

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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