

Converting Colors

HunterLab(70.2947, -38.6449,
36.2059)

Have a look what the booklet for
HunterLab(70.2947, -38.6449,
36.2059) contains.

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Color

**HunterLab(70.2212,
-38.7205, 36.1841)**

Conversions

Conversions Part 1

Format	Color
Hex	86CD50
RGB	134, 205, 80
RGB Percent	53%, 80%, 31%
CMY	0.4745, 0.1961, 0.6863
CMYK	0.35, 0.00, 0.61, 0.20
HSL	94°, 56%, 56%
HSV	94°, 61%, 80%
XYZ	33.1108, 49.3102, 15.3621
YIQ	169.5210, -2.1910, -53.9270

Conversions

Conversions Part 2

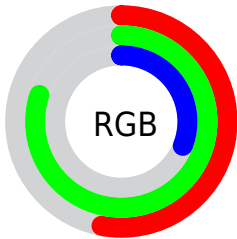
Format	Color
RYB	80, 205, 151
Decimal	8834384
CIELab	75.65, -43.20, 53.89
CIELCh	76, 69.069, 128.720
Yxy	49.3123, 0.3386, 0.5043
Android (android.graphics.Color)	4287024464 (0xFF86CD50)
YUV	169.5210, -44.1339, -31.1519
Hunter-Lab	70.2212, -38.7205, 36.1841

Details

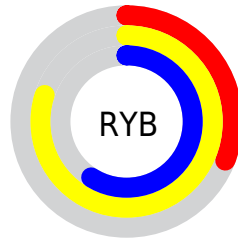
The HunterLab color **70.2212, -38.7205, 36.1841** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **40.8974, 44.7585, -57.7523**, and the grayscale version is **63.3823, -3.3819, 3.4437**.

A 20% lighter version of the original color is **91.8246, -41.0467, 41.3003**, and **48.4709, -32.5201, 28.3067** is the 20% darker color. If you saturate the color by 10%, you get **69.3897, -42.4293, 38.4206**, and if you desaturate by 10%, it is **71.1851, -34.4322, 33.1123**.

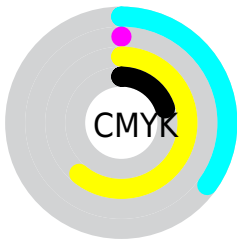
Distribution



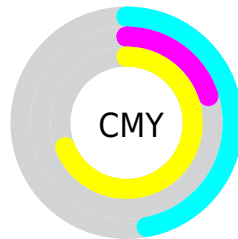
- Red (53%)
- Green (80%)
- Blue (31%)



- Red (31%)
- Yellow (80%)
- Blue (59%)



- Cyan (35%)
- Magenta (0%)
- Yellow (61%)
- Black (20%)



- Cyan (47%)
- Magenta (20%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.2212, -38.7205, 36.1841 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 70.2212, -38.7205, 36.1841 by changing the saturation by 10% instead.

■ 70.2212, -38.7205,
36.1841

■ 70.2212, -38.7205,
36.1841

195.9517,
-62.5192, 65.3742

■ 59.0485, -35.7061,
32.3722

■ 94.4220, -44.4315,
43.3391

■ 48.5393, -32.5458,
28.3632

■ 107.3879,
-47.1635, 46.7287

■ 38.7402, -29.1992,
24.1218

■ 120.8984,
-49.8321, 50.0175

■ 29.7069, -25.6049,
19.7387

■ 134.9323,
-52.4473, 53.2199

■ 21.5110, -21.6668,
15.0577

■ 149.4707,
-55.0175, 56.3477

■ 14.2487, -17.5245,
9.9741

164.4967,

■ 7.9054, -13.8345,

-57.5493, 59.4107

5.5338

179.9950,
-60.0483, 62.4172

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.2212, -38.7205,
36.1841

■ 70.2212, -38.7205,
36.1841

■ 69.3897, -42.4293,
38.4206

■ 71.1851, -34.4322,
33.1123

■ 68.6819, -45.5575,
39.8667

■ 72.2790, -29.5688,
29.1807

■ 68.0929, -48.1262,
40.5987

■ 73.5056, -24.1511,
24.3858

■ 67.6510, -50.0257,
40.8105

■ 74.8643, -18.2056,
18.7389

■ 76.3537, -11.7647,

12.2640

■ 77.9716, -4.8647,
4.9947

■ 79.7151, 2.4560,
-3.0283

■ 81.5804, 10.1585,
-11.7595

■ 83.1874, 16.2400,
-15.8856

Harmonies

Analogous

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



70.2227, -12.9763, 40.8515



70.2212, -38.7205, 36.1841



70.2227, -53.0110, 22.1559

Triad

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



70.2227, -38.7220, 36.1845



70.2227, -25.0223, -77.1997



70.2227, 69.3113, 12.2512

Complementary

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



70.2212, -38.7205, 36.1841



40.8974, 44.7585, -57.7523

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.



70.2227, 64.4850, -21.3566



70.2212, -38.7205, 36.1841



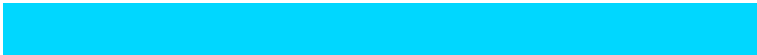
70.2227, 5.9773, -83.9843

Square

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



70.2227, -38.7220, 36.1845



70.2227, -46.1598, -44.4579



70.2227, 39.7714, -60.1767



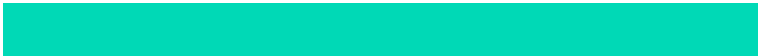
70.2227, 51.9615, 31.7675

Rectangle

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



70.2212, -38.7205, 36.1841



70.2227, -55.9437, 5.1373



70.2227, 39.7714, -60.1767



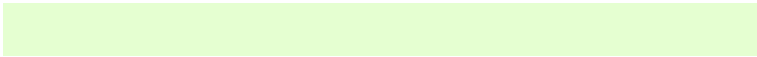
70.2227, 70.2852, 2.4816

Sweetspot

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



70.2227, -38.7220, 36.1845



96.3195, -21.0977, 21.8110



59.6992, 8.1492, 29.3909



44.3104, -10.8533, 11.1675

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.2227, -38.7220, 36.1845



88.5223, -55.5607, 49.8197



67.8827, -48.0169, 32.8604



35.7351, -4.9929, 5.2090



53.4266, -39.2599, 32.2339



12.3170, -8.1661, 7.4467

Inverse Universe

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



40.8974, 44.7585, -57.7523



45.3038, 69.4799, -94.6828



47.6800, 59.1481, -35.0246



33.3963, 1.4269, -1.7131



22.6533, 50.9071, -79.2577



5.5592, 12.0667, -16.1464

Previews

White Background



This preview shows how the HunterLab color 70.2212, -38.7205, 36.1841 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 70.2212, -38.7205, 36.1841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

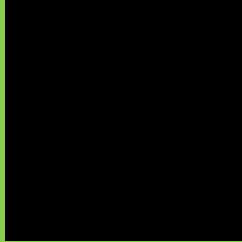
Any Text WCAG AA ✓ Pass

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 70.2212, -38.7205, 36.1841 Background



This preview shows how black text looks on a background with the HunterLab color 70.2212, -38.7205, 36.1841.



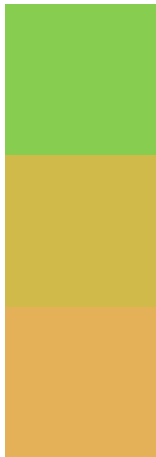
This preview shows how white text looks on a background with the HunterLab color 70.2212, -38.7205, 36.1841.

-38.7205, 36.1841.

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

70.2212, -38.7205, 36.1841

Protanopia

69.9125, -8.6609, 37.4339

Deuteranopia

69.8619, 4.9742, 35.3003



Tritanopia

70.0183, -11.9632, -7.5956

Trichromacy



Original Color

70.2212, -38.7205, 36.1841

Protanomaly

69.5450, -21.0977, 36.6547

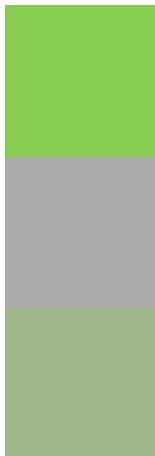
Deuteranomaly

69.0405, -13.1162, 34.9322

Tritanomaly

69.7257, -24.0902, 13.8712

Monochromacy



Original Color

70.2212, -38.7205, 36.1841

Achromatopsia

63.4017, -3.3830, 3.4447

Achromatomaly

65.4532, -18.1293, 18.5762

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.2212, -38.7205, 36.1841 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(134, 205, 80)` looks like.

```
.text, #text, p{  
    color:rgb(134, 205, 80)  
}
```

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(134, 205, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 205, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 70.2212, -38.7205, 36.1841 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(134, 205, 80) }
```


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

```
.border{ border-color:rgb(134, 205, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 205, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 205, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 205, 80);  
box-shadow:4px 4px 4px 4px rgb(134, 205,  
80) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.2212, -38.7205, 36.1841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 205, 80) }
```

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

```
.background{ background-color: rgb(134,  
205, 80) }
```

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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