

Converting Colors

HunterLab(66.6128, -37.7051,
36.2009)

Have a look what the booklet for
HunterLab(66.6128, -37.7051,
36.2009) contains.

HunterLab(66.5964, -37.7701, 36.1884)	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(66.5964,
-37.7701, 36.1884)**

Conversions

Conversions Part 1

Format	Color
Hex	7FC43F
RGB	127, 196, 63
RGB Percent	50%, 77%, 25%
CMY	0.5020, 0.2314, 0.7529
CMYK	0.35, 0.00, 0.68, 0.23
HSL	91°, 53%, 51%
HSV	91°, 68%, 77%
XYZ	29.3896, 44.3508, 11.7143
YIQ	160.2070, 1.5690, -55.9910

Conversions

Conversions Part 2

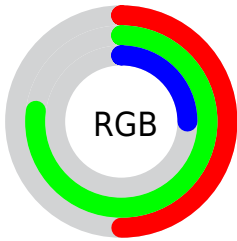
Format	Color
RYB	63, 196, 132
Decimal	8373311
CIELab	72.46, -43.20, 57.40
CIELCh	72, 71.837, 126.964
Yxy	44.3527, 0.3439, 0.5190
Android (android.graphics.Color)	4286563391 (0xFF7FC43F)
YUV	160.2070, -47.9231, -29.1225
Hunter-Lab	66.5964, -37.7701, 36.1884

Details

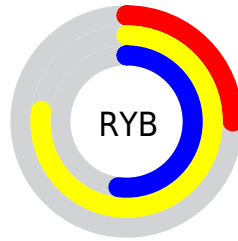
The HunterLab color **66.5964, -37.7701, 36.1884** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **35.2811, 45.8164, -65.2257**, and the grayscale version is **59.5655, -3.1783, 3.2363**.

A 20% lighter version of the original color is **90.4020, -43.4777, 43.9065**, and **45.4814, -31.4306, 27.4752** is the 20% darker color. If you saturate the color by 10%, you get **65.9010, -40.8459, 37.8014**, and if you desaturate by 10%, it is **67.4039, -34.1904, 33.8070**.

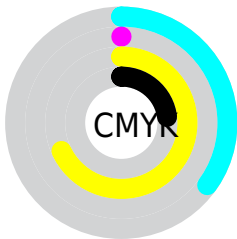
Distribution



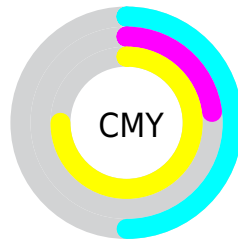
- Red (50%)
- Green (77%)
- Blue (25%)



- Red (25%)
- Yellow (77%)
- Blue (52%)



- Cyan (35%)
- Magenta (0%)
- Yellow (68%)
- Black (23%)



- Cyan (50%)
- Magenta (23%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.5964, -37.7701, 36.1884 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 66.5964, -37.7701, 36.1884 by changing the saturation by 10% instead.

■ 66.5964, -37.7701,
36.1884

■ 66.5964, -37.7701,
36.1884

190.8260,
-61.7285, 67.2678

■ 55.6308, -34.7138,
32.0888

■ 90.4147, -43.5417,
43.8590

■ 45.3422, -31.5000,
27.7707

■ 103.2026,
-46.2961, 47.4805

■ 35.7801, -28.0830,
23.2023

■ 116.5422,
-48.9833, 50.9869

■ 27.0046, -24.3925,
18.9032

■ 130.4117,
-51.6142, 54.3942

■ 19.0936, -20.3163,
13.3655

■ 144.7915,
-54.1977, 57.7156

■ 12.1548, -17.4976,
8.5084

159.6642,

■ 5.2224, -9.1393,

-56.7408, 60.9624

3.6557

175.0138,
-59.2494, 64.1438

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.5964, -37.7701,
36.1884

■ 66.5964, -37.7701,
36.1884

■ 65.9010, -40.8459,
37.8014

■ 67.4039, -34.1904,
33.8070

■ 65.3083, -43.4276,
38.7076

■ 68.3224, -30.1011,
30.6180

■ 64.8109, -45.5573,
39.0282

■ 69.3552, -25.5121,
26.6032

■ 64.7132, -45.9754,
39.0711

■ 70.5028, -20.4395,
21.7604

■ 71.7649, -14.9058,

16.1006

■ 73.1405, -8.9377,
9.6456

■ 74.6275, -2.5652,
2.4257

■ 76.2235, 4.1800,
-5.5227

■ 77.9258, 11.2656,
-14.1587

Harmonies

Analogous

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



66.5978, -11.1248, 40.1274



66.5964, -37.7701, 36.1884



66.5978, -52.7253, 23.2843

Triad

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



66.5978, -37.7715, 36.1888



66.5978, -26.7489, -80.0116



66.5978, 72.4253, 10.5784

Complementary

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



66.5964, -37.7701, 36.1884



35.2811, 45.8164, -65.2257

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.



66.5978, 65.9890, -24.7962



66.5964, -37.7701, 36.1884



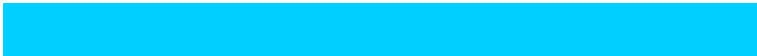
66.5978, 4.3644, -89.2602

Square

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



66.5978, -37.7715, 36.1888



66.5978, -47.2867, -44.2266



66.5978, 39.3579, -65.4715



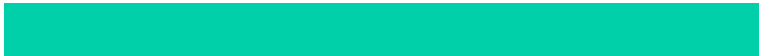
66.5978, 55.5343, 30.7854

Rectangle

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



66.5964, -37.7701, 36.1884



66.5978, -56.0829, 6.7626



66.5978, 39.3579, -65.4715



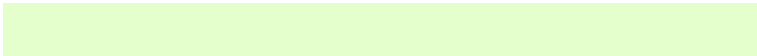
66.5978, 72.9635, 0.3272

Sweetspot

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



66.5978, -37.7715, 36.1888



96.1572, -21.9485, 23.6433



53.4063, 13.0814, 27.9162



44.2601, -11.1472, 11.9607

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.5978, -37.7715, 36.1888



88.3276, -56.5891, 51.5265



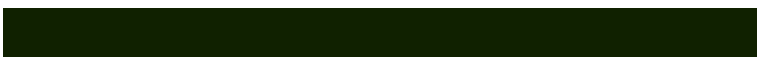
63.9710, -48.4647, 33.9039



33.8987, -4.5846, 4.9584



51.9209, -36.6505, 31.3518



10.9808, -6.8480, 6.6464

Inverse Universe

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



35.2811, 45.8164, -65.2257



40.4975, 73.5309, -112.2681



43.7920, 63.0009, -40.8450



31.6215, 1.1994, -1.6529



21.0139, 48.1732, -80.8866



4.8131, 10.5415, -14.7098

Previews

White Background



This preview shows how the HunterLab color 66.5964, -37.7701, 36.1884 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 66.5964, -37.7701, 36.1884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

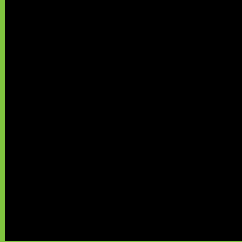
Any Text WCAG AA ✓ Pass

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 66.5964, -37.7701, 36.1884 Background



This preview shows how black text looks on a background with the HunterLab color 66.5964, -37.7701, 36.1884.



This preview shows how white text looks on a background with the HunterLab color 66.5964, -37.7701, 36.1884.

-37.7701, 36.1884.

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

66.5964, -37.7701, 36.1884

Protanopia

66.1480, -8.4275, 37.0246

Deuteranopia

66.0975, 5.0106, 35.3172



Tritanopia

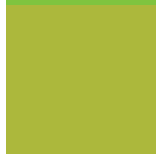
66.3741, -11.3240, -7.0228

Trichromacy



Original Color

66.5964, -37.7701, 36.1884



Protanomaly

65.8619, -20.4838, 36.3768



Deuteranomaly

65.3526, -12.6402, 34.9407



Tritanomaly

66.0495, -23.5509, 14.7632

Monochromacy



Original Color

66.5964, -37.7701, 36.1884



Achromatopsia

59.2902, -3.1636, 3.2213



Achromatomaly

61.3708, -17.6468, 18.7632

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.5964, -37.7701, 36.1884 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(127, 196, 63)` looks like.

```
.text, #text, p{  
    color:rgb(127, 196, 63)  
}
```

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(127, 196, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 196, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 66.5964, -37.7701, 36.1884 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(127, 196, 63) }
```


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

```
.border{ border-color:rgb(127, 196, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 196, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 196, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 196, 63);  
box-shadow:4px 4px 4px 4px rgb(127, 196,  
63) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.5964, -37.7701, 36.1884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 196, 63) }
```

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

```
.background{ background-color: rgb(127,  
196, 63) }
```

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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