

Converting Colors

HunterLab(67.6214, 48.6285,
-36.7079)

Have a look what the booklet for
HunterLab(67.6214, 48.6285,
-36.7079) contains.

HunterLab(67.5856, 48.9483, -36.8384)	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(67.5856, 48.9483,
-36.8384)**

Conversions

Conversions Part 1

Format	Color
Hex	F091FA
RGB	240, 145, 250
RGB Percent	94%, 57%, 98%
CMY	0.0588, 0.4314, 0.0196
CMYK	0.04, 0.42, 0.00, 0.02
HSL	294°, 91%, 77%
HSV	294°, 42%, 98%
XYZ	63.3158, 45.6781, 95.9220
YIQ	185.3750, 22.9150, 52.7950

Conversions

Conversions Part 2

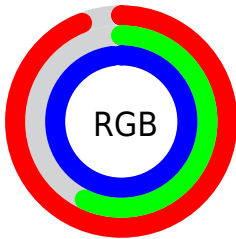
Format	Color
R _Y B	240, 145, 250
Decimal	15766010
CIE Lab	73.34, 51.61, -37.70
CIE LCh	73, 63.908, 323.853
Yxy	45.6801, 0.3090, 0.2229
Android (android.graphics.Color)	4293956090 (0xFFFF091FA)
YUV	185.3750, 31.8601, 47.9061
Hunter-Lab	67.5856, 48.9483, -36.8384

Details

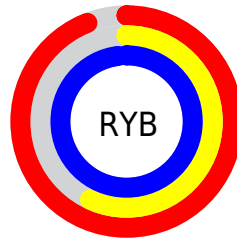
The HunterLab color $67.5856, 48.9483, -36.8384$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $87.9688, -46.7761, 35.3308$, and the grayscale version is $69.6752, -3.7177, 3.7856$.

A 20% lighter version of the original color is $83.8172, 24.0667, -14.8538$, and $46.1276, 45.6541, -35.6257$ is the 20% darker color. If you saturate the color by 10%, you get $62.0064, 61.6371, -47.1937$, and if you desaturate by 10%, it is $73.8909, 35.8795, -26.4121$.

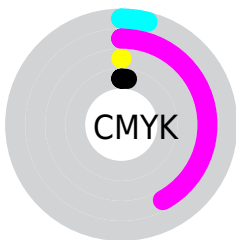
Distribution



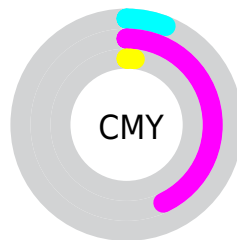
- Red (94%)
- Green (57%)
- Blue (98%)



- Red (94%)
- Yellow (57%)
- Blue (98%)



- Cyan (4%)
- Magenta (42%)
- Yellow (0%)
- Black (2%)



- Cyan (6%)
- Magenta (43%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.5856, 48.9483, -36.8384 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 67.5856, 48.9483, -36.8384 by changing the saturation by 10% instead.

67.5856, 48.9483,
-36.8384

67.5856, 48.9483,
-36.8384

192.2293, 59.5090,
-40.6838

56.5628, 47.3099,
-36.1944

91.5096, 51.9027,
-38.0187

46.2131, 45.5632,
-35.5421

104.3466, 53.2342,
-38.5436

36.5853, 43.7088,
-34.9187

117.7334, 54.4756,
-39.0204

27.7382, 41.7649,
-34.4057

131.6482, 55.6324,
-39.4484

19.7480, 39.7923,
-34.1872

146.0718, 56.7098,
-39.8278

12.7188, 37.9875,
-34.7462

160.9867, 57.7123,

6.0785, 44.2485,

-40.1594

-43.3358

176.3773, 58.6441,
-40.4444

0.0000, INF, -NF

0.0000, NaN, -NF

■ 67.5856, 48.9483,
-36.8384

■ 67.5856, 48.9483,
-36.8384

■ 62.0064, 61.6371,
-47.1937

■ 73.8909, 35.8795,
-26.4121

■ 57.2630, 73.3811,
-57.0746

■ 80.8113, 22.7979,
-16.1619

■ 53.4631, 83.4073,
-65.8963

■ 88.2563, 9.8985,
-6.2026

■ 50.6770, 90.8856,
-72.9965


■ 96.1492, -2.7293,
3.4276


■ 48.9005, 95.2276,


■ 99.5490, -7.2274,

-77.8593

7.3485

 48.0646, 96.6719,
-80.2562

 99.7733, -6.4438,
7.6215

 99.8410, -6.2077,
7.7038

Harmonies

Analogous

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



67.5871, 21.0613, -67.2251



67.5856, 48.9483, -36.8384



67.5871, 63.0352, -2.3991

Triad

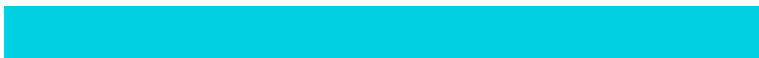
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.5871, 48.9462, -36.8364



67.5871, 2.6131, 38.4643



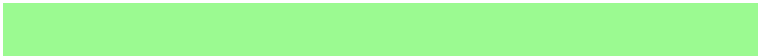
67.5871, -48.3007, -22.1741

Complementary

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



67.5856, 48.9483, -36.8384



87.9688, -46.7761, 35.3308

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.



67.5871, -51.5221, 9.2402



67.5856, 48.9483, -36.8384



67.5871, -25.1822, 36.8855

Square

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



67.5871, 48.9462, -36.8364



67.5871, 33.4708, 34.4819



67.5871, -43.8093, 28.5136



67.5871, -34.0971, -56.5105

Rectangle

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



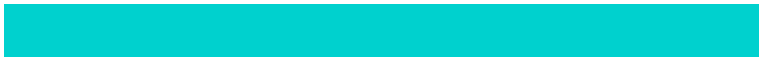
67.5856, 48.9483, -36.8384



67.5871, 61.2330, 15.4331



67.5871, -43.8093, 28.5136



67.5871, -50.5889, -10.6587

Sweetspot

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



67.5871, 48.9462, -36.8364



89.4701, 11.4518, -7.3630



60.4429, 14.5351, -51.2188



40.6001, 6.6394, -4.4380

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.5871, 48.9462, -36.8364



64.4652, 60.5689, -46.2292



67.1794, 44.3476, -10.4959



41.7560, 3.1068, -1.7413



35.0553, 70.4767, -58.3044



10.7789, 21.6049, -17.4198

Inverse Universe

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



65.5311, 36.4085, 12.9587



62.0090, 45.7821, 15.4202



88.3062, -43.6961, 22.0820



41.5356, 1.7102, 3.0505



32.8999, 56.4746, 20.2325



10.0560, 17.3482, 5.5134

Previews

White Background



This preview shows how the HunterLab color 67.5856, 48.9483, -36.8384 looks on a white background.

Color Contrast Check

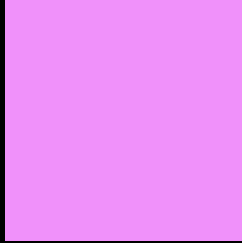
Large Text (above 18pt) WCAG AA × Fail

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 67.5856, 48.9483, -36.8384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

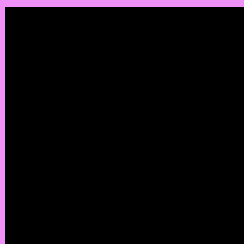
Any Text WCAG AA ✓ Pass

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 67.5856, 48.9483, -36.8384 Background



This preview shows how black text looks on a background with the HunterLab color 67.5856, 48.9483, -36.8384.



This preview shows how white text looks on a background with the HunterLab color 67.5856, 48.9483, -36.8384.

-36.8384.

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

67.5856, 48.9483, -36.8384

Protanopia

67.8449, 6.2122, -40.7637

Deuteranopia

67.8630, 5.2580, -32.8669



Tritanopia

67.6163, 22.0966, 6.9384

Trichromacy



Original Color

67.5856, 48.9483, -36.8384



Protanomaly

66.9353, 20.5091, -40.7100



Deuteranomaly

66.9876, 20.0182, -35.5419



Tritanomaly

67.4786, 31.3202, -6.9680

Monochromacy



Original Color

67.5856, 48.9483, -36.8384



Achromatopsia

69.6527, -3.7165, 3.7844



Achromatomaly

68.0676, 14.7814, -10.3411

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.5856, 48.9483, -36.8384 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(240, 145, 250)` looks like.

```
.text, #text, p{  
    color:rgb(240, 145, 250)  
}
```

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(240, 145, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 145, 250) }
```

Border

The CSS property to change the border of an element to HunterLab 67.5856, 48.9483, -36.8384 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(240, 145, 250) }
```


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

```
.border{ border-color:rgb(240, 145, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 145, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 145, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 145, 250);  
box-shadow:4px 4px 4px 4px rgb(240, 145,  
250) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.5856, 48.9483, -36.8384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 145, 250) }
```

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

```
.background{ background-color: rgb(240,  
145, 250) }
```

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