

Converting Colors

HunterLab(84.5977, -72.3976,
50.8613)

Have a look what the booklet for
HunterLab(84.5977, -72.3976,
50.8613) contains.

HunterLab(84.5962, -72.4040, 50.8602)	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(84.5962,
-72.4040, 50.8602)**

Conversions

Conversions Part 1

Format	Color
Hex	07FF00
RGB	7, 255, 0
RGB Percent	3%, 100%, 0%
CMY	0.9725, 0.0000, 0.9998
CMYK	0.97, 0.00, 1.00, 0.00
HSL	118°, 100%, 50%
HSV	118°, 100%, 100%
XYZ	35.8476, 71.5652, 11.9241
YIQ	151.7780, -65.9530, -131.8810

Conversions

Conversions Part 2

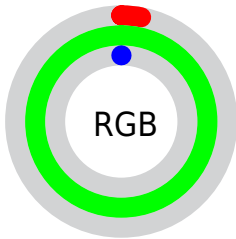
Format	Color
RYB	0, 255, 248
Decimal	524032
CIELab	87.76, -85.98, 83.20
CIELCh	88, 119.650, 135.941
Yxy	71.5653, 0.3004, 0.5997
Android (android.graphics.Color)	4278714112 (0xFF07FF00)
YUV	151.7780, -74.8266, -126.9703
Hunter-Lab	84.5962, -72.4040, 50.8602

Details

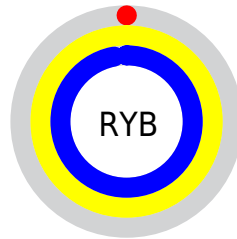
The HunterLab color **84.5962, -72.4040, 50.8602** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **52.1390, 103.1325, -73.6500**, and the grayscale version is **56.2593, -3.0019, 3.0567**.

A 20% lighter version of the original color is **87.3829, -59.8185, 45.9276**, and **62.8330, -53.8793, 37.7742** is the 20% darker color. If you saturate the color by 10%, you get **84.5960, -72.4047, 50.8601**, and if you desaturate by 10%, it is **84.7918, -71.4823, 50.3322**.

Distribution



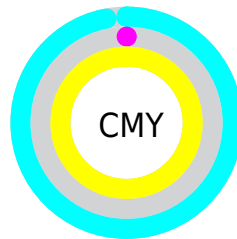
- Red (3%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (97%)



- Cyan (97%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)





- Cyan (97%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.5962, -72.4040, 50.8602 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 84.5962, -72.4040, 50.8602 by changing the saturation by 10% instead.


 84.5962, -72.4040,
50.8602


 84.5962, -72.4040,
50.8602


215.8766,
-113.4052, 92.1000


 72.6661, -67.0166,
45.5049


 110.1990,
-82.5036, 60.9871


 61.3564, -61.3454,
39.9337


 123.8218,
-87.2820, 65.7981


 50.7031, -55.3283,
34.1396


 137.9638,
-91.9122, 70.4642

 40.7497, -48.8825,
28.5248

 152.6066,
-96.4134, 75.0008

 31.5492, -41.8951,
22.0845

 167.7337,
-100.8011, 79.4214

 23.1693, -34.2145,
16.2185

 183.3300,

 15.6999, -27.4747,

-105.0885, 83.7380

10.9899

199.3819,
-109.2867, 87.9612

■ 9.2680, -16.2190,
6.4876

0.0000, NaN, NaN

■ 84.5962, -72.4040,
50.8602

■ 84.5962, -72.4040,
50.8602

■ 84.5960, -72.4047,
50.8601

■ 84.7918, -71.4823,
50.3322

■ 85.2160, -69.4812,
49.1110

■ 85.9168, -66.1867,
46.9961

■ 86.9238, -61.4951,
43.9041

■ 88.2572, -55.3694,
39.8013

■ 89.9286, -47.8294,
34.6953

■ 91.9429, -38.9415,
28.6281

■ 94.2986, -28.8076,
21.6676

■ 96.9894, -17.5531,
13.8996

Harmonies

Analogous

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



84.5963, -33.8881, 56.7349



84.5962, -72.4040, 50.8602



84.5963, -89.7701, 27.1334

Triad

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



84.5963, -72.4037, 50.8594



84.5963, -30.7220, -185.5731



84.5963, 137.1813, 29.5107

Complementary

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



84.5962, -72.4040, 50.8602



52.1390, 103.1325, -73.6500

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.



84.5963, 138.7319, -26.5736



84.5962, -72.4040, 50.8602



84.5963, 29.5006, -183.0494

Square

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



84.5963, -72.4037, 50.8594



84.5963, -70.6447, -118.0544



84.5963, 95.1969, -112.5334



84.5963, 91.4138, 51.5667

Rectangle

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



84.5962, -72.4040, 50.8602



84.5963, -91.3091, -7.5404



84.5963, 95.1969, -112.5334



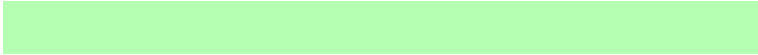
84.5963, 143.2478, 15.1797

Sweetspot

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



84.5963, -72.4037, 50.8594



91.9394, -38.9567, 28.6385



93.5292, -21.7819, 57.2502



42.1232, -19.8298, 14.4851

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.5963, -72.4037, 50.8594



84.5960, -72.4047, 50.8601



85.3538, -67.6171, 39.2828



44.9352, -7.8592, 6.2496



61.1592, -52.3024, 36.7703



19.1047, -16.2312, 11.4881

Inverse Universe

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



52.1390, 103.1325, -73.6500



52.1380, 103.1354, -73.6528



47.9990, 85.8993, 2.3000



42.7476, 3.4468, -1.6850



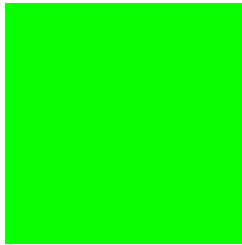
37.7034, 74.5739, -53.1996



11.7974, 23.3169, -16.5124

Previews

White Background



This preview shows how the HunterLab color 84.5962, -72.4040, 50.8602 looks on a white background.

Color Contrast Check

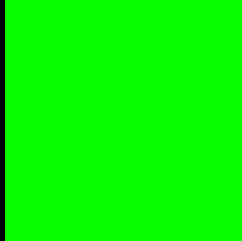
Large Text (above 18pt) WCAG AA × Fail

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 84.5962, -72.4040, 50.8602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

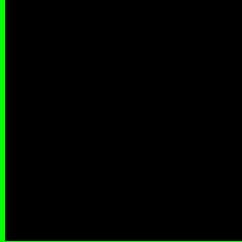
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

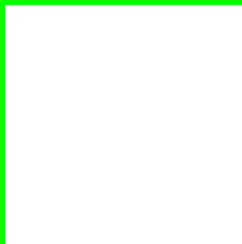
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 84.5962, -72.4040, 50.8602 Background



This preview shows how black text looks on a background with the HunterLab color 84.5962, -72.4040, 50.8602.



This preview shows how white text looks on a background with the HunterLab color 84.5962, -72.4040, 50.8602.

-72.4040, 50.8602.

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

84.5962, -72.4040, 50.8602

Protanopia

83.5079, -11.3093, 51.2592

Deuteranopia

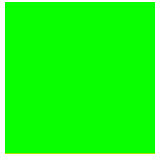
83.5654, 2.1996, 33.0935



Tritanopia

84.0961, -30.7336, -15.4193

Trichromacy



Original Color

84.5962, -72.4040, 50.8602



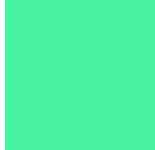
Protanomaly

80.3261, -45.2963, 48.7036



Deuteranomaly

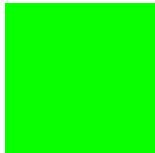
79.8078, -39.2963, 41.1363



Tritanomaly

82.5625, -54.9858, 25.3648

Monochromacy



Original Color

84.5962, -72.4040, 50.8602



Achromatopsia

56.0347, -2.9899, 3.0445



Achromatomaly

63.1751, -38.5042, 27.6403

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.5962, -72.4040, 50.8602 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(7, 255, 0)` looks like.

```
.text, #text, p{  
    color:rgb(7, 255, 0)  
}
```

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(7, 255, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 255, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 84.5962, -72.4040, 50.8602 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(7, 255, 0) }
```


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

```
.border{ border-color:rgb(7, 255, 0) }
```

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

Here you see how a box with a 4 pixel rgb(7, 255, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 255, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 255, 0); box-shadow:4px  
4px 4px 4px rgb(7, 255, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.5962, -72.4040, 50.8602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 255, 0) }
```

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

```
.background{ background-color: rgb(7, 255,  
0) }
```

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