

Converting Colors

HunterLab(84.5949, -72.3968,
50.7596)

Have a look what the booklet for
HunterLab(84.5949, -72.3968,
50.7596) contains.

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Color

**HunterLab(84.5950,
-72.3960, 50.7590)**

Conversions

Conversions Part 1

Format	Color
Hex	05FF05
RGB	5, 255, 5
RGB Percent	2%, 100%, 2%
CMY	0.9804, 0.0000, 0.9802
CMYK	0.98, 0.00, 0.98, 0.00
HSL	120°, 100%, 51%
HSV	120°, 98%, 100%
XYZ	35.8499, 71.5631, 12.0672
YIQ	151.7500, -68.7500, -130.7500

Conversions

Conversions Part 2

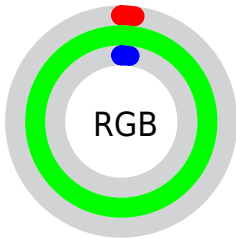
Format	Color
RYB	5, 255, 255
Decimal	392965
CIELab	87.76, -85.97, 82.82
CIELCh	88, 119.376, 136.069
Yxy	71.5633, 0.3000, 0.5989
Android (android.graphics.Color)	4278583045 (0xFF05FF05)
YUV	151.7500, -72.3478, -128.6997
Hunter-Lab	84.5950, -72.3960, 50.7590

Details

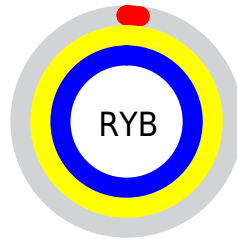
The HunterLab color **84.5950, -72.3960, 50.7590** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **53.4657, 104.5387, -70.0994**, and the grayscale version is **56.2387, -3.0008, 3.0556**.

A 20% lighter version of the original color is **87.3929, -59.7569, 45.7792**, and **62.8330, -53.8793, 37.7742** is the 20% darker color. If you saturate the color by 10%, you get **84.5696, -72.5180, 50.8410**, and if you desaturate by 10%, it is **84.7939, -71.4450, 50.1147**.

Distribution



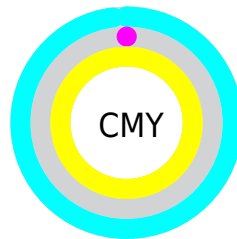
- Red (2%)
- Green (100%)
- Blue (2%)



- Red (2%)
- Yellow (100%)
- Blue (100%)



- Cyan (98%)
- Magenta (0%)
- Yellow (98%)
- Black (0%)



- Cyan (98%)
- Magenta (0%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.5950, -72.3960, 50.7590 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 84.5950, -72.3960, 50.7590 by changing the saturation by 10% instead.

84.5950, -72.3960,
50.7590

84.5950, -72.3960,
50.7590

215.8750,
-113.3922, 91.8291

72.6650, -67.0093,
45.4256

110.1978,
-82.4943, 60.8437

61.3553, -61.3389,
39.8762

123.8205,
-87.2721, 65.6347

50.7021, -55.3226,
34.1034

137.9624,
-91.9018, 70.2813

40.7488, -48.8776,
28.5241

152.6052,
-96.4024, 74.7991

31.5484, -41.8911,
22.0839

167.7323,
-100.7896, 79.2015

23.1685, -34.2115,
16.2180

183.3285,

15.6992, -27.4736,

-105.0765, 83.5006

10.9894

199.3803,
-109.2742, 87.7068

■ 9.2674, -16.2180,
6.4872

0.0000, NaN, NaN

■ 84.5950, -72.3960,
50.7590

■ 84.5950, -72.3960,
50.7590

■ 84.5696, -72.5180,
50.8410

■ 84.7939, -71.4450,
50.1147

■ 85.2329, -69.3551,
48.7006

■ 85.9613, -65.9156,
46.3740

■ 87.0101, -61.0216,
43.0644

■ 88.4002, -54.6393,
38.7490

■ 90.1432, -46.7954,
33.4464

■ 92.2435, -37.5656,
27.2080

■ 94.6988, -27.0622,
20.1103

■ 97.5019, -15.4210,
12.2455

Harmonies

Analogous

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



84.5951, -34.0374, 56.6947



84.5950, -72.3960, 50.7590



84.5951, -89.6630, 26.9236

Triad

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



84.5951, -72.3957, 50.7583



84.5951, -30.4476, -185.0715



84.5951, 136.6679, 29.6208

Complementary

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



84.5950, -72.3960, 50.7590



53.4657, 104.5387, -70.0994

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.



84.5951, 138.4238, -26.1714



84.5950, -72.3960, 50.7590



84.5951, 29.7014, -182.2163

Square

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



84.5951, -72.3957, 50.7583



84.5951, -70.3999, -118.0304



84.5951, 95.1804, -111.7821



84.5951, 90.8956, 51.5632

Rectangle

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



84.5950, -72.3960, 50.7590



84.5951, -91.1523, -7.7888



84.5951, 95.1804, -111.7821



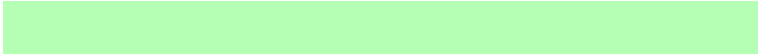
84.5951, 142.7835, 15.3672

Sweetspot

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



84.5951, -72.3957, 50.7583



92.0264, -38.5087, 27.8454



96.3281, -25.8391, 58.8162



42.1477, -19.6881, 14.1479

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.5951, -72.3957, 50.7583



84.5696, -72.5180, 50.8410



85.5359, -66.5235, 36.9036



44.9091, -7.9534, 6.2185



61.1317, -52.4200, 36.7505



19.0753, -16.3567, 11.4668

Inverse Universe

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



53.4657, 104.5387, -70.0994



53.3641, 104.9118, -70.3544



47.9376, 84.8749, 4.9049



42.7789, 3.5513, -1.6423



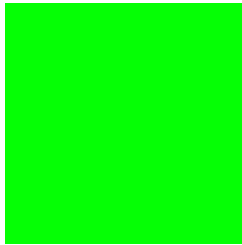
38.5746, 75.8363, -50.8566



12.0367, 23.6639, -15.8700

Previews

White Background



This preview shows how the HunterLab color 84.5950, -72.3960, 50.7590 looks on a white background.

Color Contrast Check

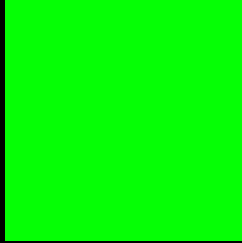
Large Text (above 18pt) WCAG AA × Fail

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 84.5950, -72.3960, 50.7590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

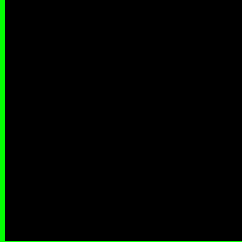
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

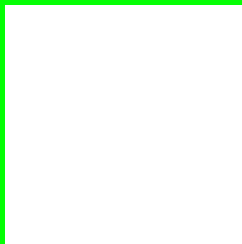
Any Text WCAG AAA ✓ Pass

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

HunterLab 84.5950, -72.3960, 50.7590 Background



This preview shows how black text looks on a background with the HunterLab color 84.5950, -72.3960, 50.7590.



This preview shows how white text looks on a background with the HunterLab color 84.5950, -72.3960, 50.7590.

-72.3960, 50.7590.

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

84.5950, -72.3960, 50.7590

Protanopia

83.5079, -11.3093, 51.2592

Deuteranopia

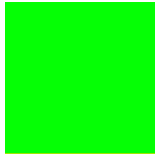
83.5654, 2.1996, 33.0935



Tritanopia

84.0961, -30.7336, -15.4193

Trichromacy



Original Color

84.5950, -72.3960, 50.7590



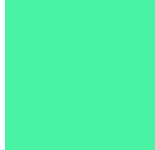
Protanomaly

80.2654, -45.5330, 48.6196



Deuteranomaly

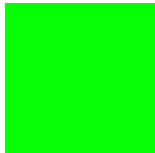
79.7628, -39.4289, 40.7613



Tritanomaly

82.6059, -54.7215, 24.7348

Monochromacy



Original Color

84.5950, -72.3960, 50.7590



Achromatopsia

56.0347, -2.9899, 3.0445



Achromatomaly

63.2050, -38.3238, 27.2025

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.5950, -72.3960, 50.7590 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(5, 255, 5)` looks like.

```
.text, #text, p{  
    color:rgb(5, 255, 5)  
}
```

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(5, 255, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 255, 5) }
```

Border

The CSS property to change the border of an element to HunterLab 84.5950, -72.3960, 50.7590 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(5, 255, 5) }
```


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

```
.border{ border-color:rgb(5, 255, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 255, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 255, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 255, 5); box-shadow:4px  
4px 4px 4px rgb(5, 255, 5) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.5950, -72.3960, 50.7590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 255, 5) }
```

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

```
.background{ background-color: rgb(5, 255,  
5) }
```

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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