

Converting Colors

HunterLab(84.5776, -72.4676,
50.7222)

Have a look what the booklet for
HunterLab(84.5776, -72.4676,
50.7222) contains.

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Color

**HunterLab(84.5773,
-72.4695, 50.7266)**

Conversions

Conversions Part 1

Format	Color
Hex	00FF06
RGB	0, 255, 6
RGB Percent	0%, 100%, 2%
CMY	1.0000, 0.0000, 0.9763
CMYK	1.00, 0.00, 0.98, 0.00
HSL	121°, 100%, 50%
HSV	121°, 100%, 100%
XYZ	35.7929, 71.5332, 12.0932
YIQ	150.3690, -72.0510, -131.4990

Conversions

Conversions Part 2

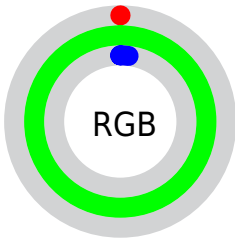
Format	Color
RYB	0, 249, 255
Decimal	65286
CIELab	87.74, -86.10, 82.73
CIELCh	88, 119.404, 136.144
Yxy	71.5332, 0.2997, 0.5990
Android (android.graphics.Color)	4278255366 (0xFF00FF06)
YUV	150.3690, -71.1739, -131.8736
Hunter-Lab	84.5773, -72.4695, 50.7266

Details

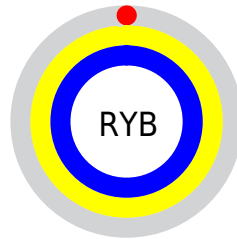
The HunterLab color **84.5773, -72.4695, 50.7266** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **53.0066, 103.6733, -65.7312**, and the grayscale version is **55.6764, -2.9708, 3.0250**.

A 20% lighter version of the original color is **87.3620, -59.8636, 45.5972**, and **62.8330, -53.8793, 37.7742** is the 20% darker color. If you saturate the color by 10%, you get **84.5773, -72.4692, 50.7258**, and if you desaturate by 10%, it is **84.7536, -71.6147, 50.0672**.

Distribution



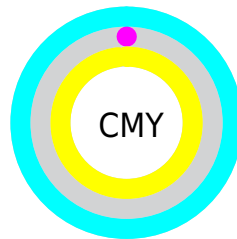
- Red (0%)
- Green (100%)
- Blue (2%)



- Red (0%)
- Yellow (98%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (98%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.5773, -72.4695, 50.7266 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 84.5773, -72.4695, 50.7266 by changing the saturation by 10% instead.

■ 84.5773, -72.4695,
50.7266

■ 84.5773, -72.4695,
50.7266

■ 215.8507,
-113.5229, 91.7566

■ 72.6481, -67.0745,
45.3982

■ 110.1784,
-82.5828, 60.8014

■ 61.3394, -61.3952,
39.8539

■ 123.8003,
-87.3675, 65.5876

■ 50.6872, -55.3693,
34.0861

■ 137.9415,
-92.0037, 70.2297

■ 40.7349, -48.9139,
28.5144

■ 152.5836,
-96.5106, 74.7430

■ 31.5356, -41.9158,
22.0749

■ 167.7100,
-100.9037, 79.1412

■ 23.1570, -34.2242,
16.2099

■ 183.3056,

■ 15.6891, -27.4559,

-105.1964, 83.4361

10.9823

199.3567,
-109.3997, 87.6382

■ 9.2588, -16.2028,
6.4811

0.0000, NaN, NaN

■ 84.5773, -72.4695,
50.7266

■ 84.5773, -72.4695,
50.7266

■ 84.5773, -72.4692,
50.7258

■ 84.7536, -71.6147,
50.0672

■ 85.1515, -69.7029,
48.6594

■ 85.8296, -66.4822,
46.3831

■ 86.8203, -61.8395,
43.1734

■ 88.1455, -55.7324,
39.0100

■ 89.8181, -48.1786,
33.9103

■ 91.8435, -39.2457,
27.9234

■ 94.2207, -29.0386,
21.1217

■ 96.9430, -17.6876,
13.5932

Harmonies

Analogous

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



84.5773, -34.1652, 56.6827



84.5773, -72.4695, 50.7266



84.5773, -89.6870, 26.8263

Triad

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



84.5773, -72.4692, 50.7258



84.5773, -30.3216, -185.2342



84.5773, 136.6381, 29.7140

Complementary

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



84.5773, -72.4695, 50.7266



53.0066, 103.6733, -65.7312

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.



84.5773, 138.5185, -25.9909



84.5773, -72.4695, 50.7266



84.5773, 29.8767, -182.1761

Square

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



84.5773, -72.4692, 50.7258



84.5773, -70.3324, -118.2892



84.5773, 95.3536, -111.5972



84.5773, 90.7651, 51.5872

Rectangle

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



84.5773, -72.4695, 50.7266



84.5773, -91.1475, -7.9564



84.5773, 95.3536, -111.5972



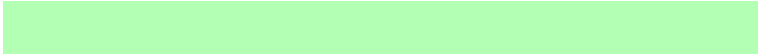
84.5773, 142.7961, 15.4914

Sweetspot

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



84.5773, -72.4692, 50.7258



91.8435, -39.2459, 27.9236



95.9077, -27.4067, 58.6181



42.0760, -19.9744, 14.1346

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.5773, -72.4692, 50.7258



84.5773, -72.4692, 50.7258



85.5448, -66.4307, 36.4814



44.9167, -7.9104, 6.1084



61.1397, -52.3693, 36.6310



19.0839, -16.3026, 11.3393

Inverse Universe

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



53.0066, 103.6733, -65.7312



53.0066, 103.6733, -65.7312



47.6407, 84.6009, 7.4137



42.7697, 3.5023, -1.5123



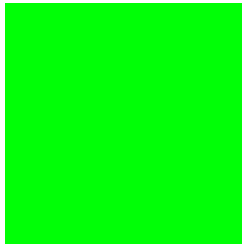
38.3205, 74.9562, -47.5712



11.9669, 23.4220, -14.9670

Previews

White Background



This preview shows how the HunterLab color 84.5773, -72.4695, 50.7266 looks on a white background.

Color Contrast Check

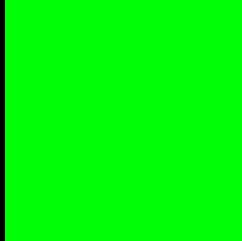
Large Text (above 18pt) WCAG AA × Fail

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 84.5773, -72.4695, 50.7266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

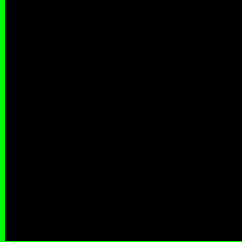
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

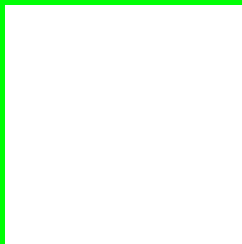
Any Text WCAG AAA ✓ Pass

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

HunterLab 84.5773, -72.4695, 50.7266 Background



This preview shows how black text looks on a background with the HunterLab color 84.5773, -72.4695, 50.7266.



This preview shows how white text looks on a background with the HunterLab color 84.5773,

-72.4695, 50.7266.

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

84.5773, -72.4695, 50.7266

Protanopia

83.5079, -11.3093, 51.2592

Deuteranopia

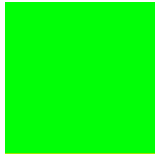
83.5654, 2.1996, 33.0935



Tritanopia

84.0961, -30.7336, -15.4193

Trichromacy



Original Color

84.5773, -72.4695, 50.7266



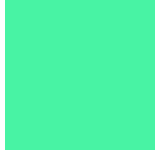
Protanomaly

80.2024, -45.7844, 48.5764



Deuteranomaly

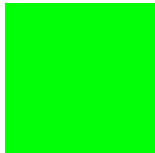
79.6303, -39.9485, 40.6578



Tritanomaly

82.5586, -54.9149, 24.6878

Monochromacy



Original Color

84.5773, -72.4695, 50.7266



Achromatopsia

55.2257, -2.9467, 3.0005



Achromatomaly

62.6747, -38.7442, 27.0103

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.5773, -72.4695, 50.7266 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(0, 255, 6)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 6)  
}
```

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(0, 255, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 6) }
```

Border

The CSS property to change the border of an element to HunterLab 84.5773, -72.4695, 50.7266 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(0, 255, 6) }
```


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

```
.border{ border-color:rgb(0, 255, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 255, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 255, 6); box-shadow:4px  
4px 4px 4px rgb(0, 255, 6) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.5773, -72.4695, 50.7266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 6) }
```

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

```
.background{ background-color: rgb(0, 255,  
6) }
```

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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