

Converting Colors

HunterLab(84.6674, -72.0264,
50.3449)

Have a look what the booklet for
HunterLab(84.6674, -72.0264,
50.3449) contains.

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Color

**HunterLab(84.6661,
-72.0320, 50.3421)**

Conversions

Conversions Part 1

Format	Color
Hex	0FFF17
RGB	15, 255, 23
RGB Percent	6%, 100%, 9%
CMY	0.9412, 0.0000, 0.9097
CMYK	0.94, 0.00, 0.91, 0.00
HSL	122°, 100%, 53%
HSV	122°, 94%, 100%
XYZ	36.1117, 71.6835, 12.7437
YIQ	156.7920, -68.5680, -123.0320

Conversions

Conversions Part 2

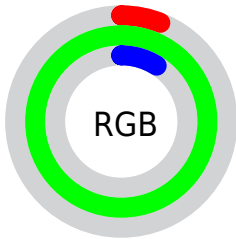
Format	Color
RYB	15, 247, 255
Decimal	1048343
CIELab	87.82, -85.34, 81.16
CIELCh	88, 117.774, 136.440
Yxy	71.6835, 0.2996, 0.5947
Android (android.graphics.Color)	4279238423 (0xFF0FFF17)
YUV	156.7920, -65.9595, -124.3516
Hunter-Lab	84.6661, -72.0320, 50.3421

Details

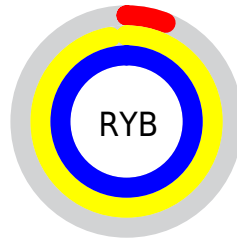
The HunterLab color **84.6661, -72.0320, 50.3421** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **53.2126, 102.0949, -63.4497**, and the grayscale version is **58.2626, -3.1087, 3.1655**.

A 20% lighter version of the original color is **87.4868, -59.2669, 45.0404**, and **62.8330, -53.8793, 37.7742** is the 20% darker color. If you saturate the color by 10%, you get **84.5805, -72.4490, 50.6782**, and if you desaturate by 10%, it is **84.9658, -70.5778, 49.1934**.

Distribution



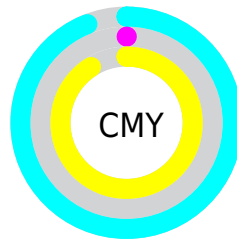
- Red (6%)
- Green (100%)
- Blue (9%)



- Red (6%)
- Yellow (97%)
- Blue (100%)



- Cyan (94%)
- Magenta (0%)
- Yellow (91%)
- Black (0%)



- Cyan (94%)
- Magenta (0%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.6661, -72.0320, 50.3421 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 84.6661, -72.0320, 50.3421 by changing the saturation by 10% instead.

84.6661, -72.0320,
50.3421

84.6661, -72.0320,
50.3421

215.9721,
-112.7516, 90.6677

72.7325, -66.6849,
45.1051

110.2753,
-82.0580, 60.2410

61.4191, -61.0571,
39.6529

123.9011,
-86.8026, 64.9435

50.7620, -55.0869,
33.9750

138.0461,
-91.4007, 69.5048

40.8045, -48.6921,
28.4329

152.6917,
-95.8711, 73.9402

31.5995, -41.7606,
22.1197

167.8215,
-100.2294, 78.2631

23.2147, -34.1402,
16.2503

183.4205,

15.7397, -27.5445,

-104.4885, 82.4854

11.0178

199.4748,
-108.6595, 86.6173

■ 9.3021, -16.2786,
6.5114

0.0000, NaN, NaN

■ 84.6661, -72.0320,
50.3421

■ 84.6661, -72.0320,
50.3421


■ 84.5805, -72.4490,
50.6782


■ 84.9658, -70.5778,
49.1934


■ 85.5280, -67.8893,
47.2255


■ 86.3899, -63.8226,
44.3598


■ 87.5772, -58.3098,
40.5634

 89.1060, -51.3461,
35.8421

 90.9845, -42.9803,
30.2345

 93.2142, -33.3034,
23.8050

 95.7907, -22.4358,
16.6354

 98.7049, -10.5155,
8.8178

Harmonies

Analogous

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



84.6661, -34.2888, 56.5218



84.6661, -72.0320, 50.3421



84.6661, -88.9742, 26.2033

Triad

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



84.6661, -72.0316, 50.3413



84.6661, -29.5072, -181.6657



84.6661, 134.0285, 29.8098

Complementary

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



84.6661, -72.0320, 50.3421



53.2126, 102.0949, -63.4497

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.



84.6661, 136.3490, -24.7912



84.6661, -72.0320, 50.3421



84.6661, 30.0264, -177.9124

Square

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



84.6661, -72.0316, 50.3413



84.6661, -69.3613, -116.7777



84.6661, 94.3376, -108.5472



84.6661, 88.6678, 51.4385

Rectangle

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



84.6661, -72.0320, 50.3421



84.6661, -90.3183, -8.4076



84.6661, 94.3376, -108.5472



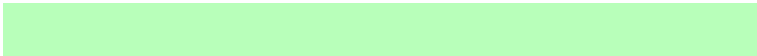
84.6661, 140.2240, 15.8387

Sweetspot

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



84.6661, -72.0316, 50.3413



92.3069, -37.2095, 26.3942



95.5660, -28.6409, 58.1055



42.2675, -19.1214, 13.4790

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.6661, -72.0316, 50.3413



84.5805, -72.4490, 50.6782



85.7932, -65.0110, 33.7682



44.9199, -7.8926, 6.0627



61.1431, -52.3484, 36.5816



19.0875, -16.2802, 11.2866

Inverse Universe

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



53.2126, 102.0949, -63.4497



52.8613, 103.1690, -63.8444



48.0978, 83.7290, 6.3522



42.7660, 3.4820, -1.4586



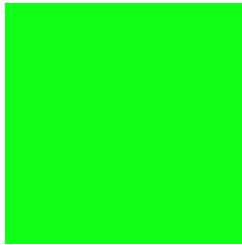
38.2173, 74.5977, -46.2301



11.9384, 23.3232, -14.5978

Previews

White Background



This preview shows how the HunterLab color 84.6661, -72.0320, 50.3421 looks on a white background.

Color Contrast Check

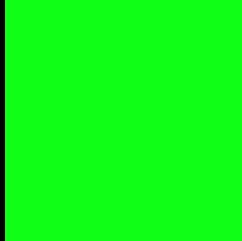
Large Text (above 18pt) WCAG AA × Fail

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 84.6661, -72.0320, 50.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

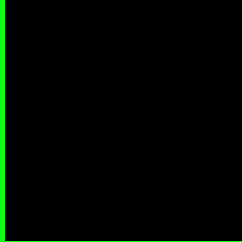
Any Text WCAG AA ✓ Pass

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 84.6661, -72.0320, 50.3421 Background



This preview shows how black text looks on a background with the HunterLab color 84.6661, -72.0320, 50.3421.



This preview shows how white text looks on a background with the HunterLab color 84.6661, -72.0320, 50.3421.

-72.0320, 50.3421.

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

84.6661, -72.0320, 50.3421

Protanopia

83.5079, -11.3093, 51.2592

Deuteranopia

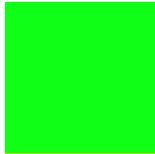
83.5836, 2.2979, 32.8274



Tritanopia

84.1358, -30.5833, -15.3609

Trichromacy



Original Color

84.6661, -72.0320, 50.3421



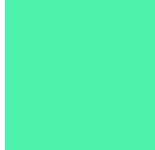
Protanomaly

80.5300, -44.4624, 48.6747



Deuteranomaly

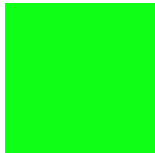
80.1144, -37.8923, 39.7800



Tritanomaly

82.8620, -53.3628, 22.5571

Monochromacy



Original Color

84.6661, -72.0320, 50.3421



Achromatopsia

58.0658, -3.0982, 3.1548



Achromatomaly

64.9815, -37.8954, 26.4331

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.6661, -72.0320, 50.3421 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(15, 255, 23)` looks like.

```
.text, #text, p{  
    color:rgb(15, 255, 23)  
}
```

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(15, 255, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 255, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 84.6661, -72.0320, 50.3421 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(15, 255, 23) }
```


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

```
.border{ border-color:rgb(15, 255, 23) }
```

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

Here you see how a box with a 4 pixel rgb(15, 255, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 255, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 255, 23);  
box-shadow:4px 4px 4px 4px rgb(15, 255,  
23) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.6661, -72.0320, 50.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 255, 23) }
```

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

```
.background{ background-color: rgb(15, 255,  
23) }
```

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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