

Converting Colors

HunterLab(84.7050, -71.6679,
48.8365)

Have a look what the booklet for
HunterLab(84.7050, -71.6679,
48.8365) contains.

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Color

**HunterLab(84.7055,
-71.6644, 48.8284)**

Conversions

Conversions Part 1

Format	Color
Hex	00FF32
RGB	0, 255, 50
RGB Percent	0%, 100%, 20%
CMY	1.0000, 0.0000, 0.8039
CMYK	1.00, 0.00, 0.80, 0.00
HSL	132°, 100%, 50%
HSV	132°, 100%, 100%
XYZ	36.3357, 71.7502, 14.9516
YIQ	155.3850, -86.1750, -117.8150

Conversions

Conversions Part 2

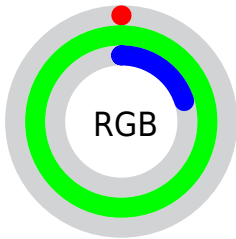
Format	Color
RYB	0, 213, 255
Decimal	65330
CIELab	87.85, -84.74, 75.86
CIELCh	88, 113.735, 138.162
Yxy	71.7504, 0.2953, 0.5832
Android (android.graphics.Color)	4278255410 (0xFF00FF32)
YUV	155.3850, -51.9548, -136.2726
Hunter-Lab	84.7055, -71.6644, 48.8284

Details

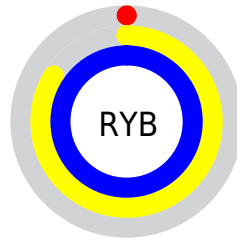
The HunterLab color **84.7055, -71.6644, 48.8284** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **50.6632, 95.4612, -34.6985**, and the grayscale version is **57.6391, -3.0755, 3.1316**.

A 20% lighter version of the original color is **87.5410, -58.6902, 42.3338**, and **62.8330, -53.8793, 37.7742** is the 20% darker color. If you saturate the color by 10%, you get **84.7056, -71.6642, 48.8279**, and if you desaturate by 10%, it is **84.9599, -70.3232, 47.0181**.

Distribution



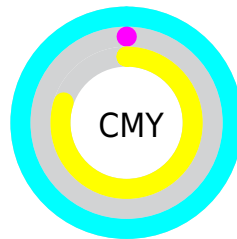
- Red (0%)
- Green (100%)
- Blue (20%)



- Red (0%)
- Yellow (84%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.7055, -71.6644, 48.8284 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 84.7055, -71.6644, 48.8284 by changing the saturation by 10% instead.

■ 84.7055, -71.6644,
48.8284

■ 84.7055, -71.6644,
48.8284

216.0260,
-112.1189, 86.7999

■ 72.7700, -66.3552,
43.8995

■ 110.3184,
-81.6214, 58.1375

■ 61.4546, -60.7679,
38.7602

■ 123.9459,
-86.3341, 62.5601

■ 50.7953, -54.8415,
33.3917

■ 138.0925,
-90.9019, 66.8516

■ 40.8354, -48.4942,
27.9114

■ 152.7398,
-95.3434, 71.0269

■ 31.6280, -41.6146,
22.1396

■ 167.8711,
-99.6739, 75.0989

■ 23.2403, -34.0509,
16.2682

183.4715,

■ 15.7623, -27.5839,

-103.9064, 79.0788

11.0336

199.5274,
-108.0516, 82.9763

■ 9.3212, -16.3122,
6.5249

0.0000, NaN, NaN

■ 84.7055, -71.6644,
48.8284

■ 84.7055, -71.6644,
48.8284

■ 84.7056, -71.6642,
48.8279

■ 84.9599, -70.3232,
47.0181

■ 85.4280, -67.9798,
44.5797

■ 86.1604, -64.4358,
41.5137

■ 87.1843, -59.6107,
37.8320

■ 88.5180, -53.4815,
33.5651

■ 90.1720, -46.0736,
28.7600

■ 92.1507, -37.4519,
23.4759

■ 94.4527, -27.7105,
17.7799

■ 97.0724, -16.9634,
11.7423

Harmonies

Analogous

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



84.7056, -36.0374, 55.8870



84.7055, -71.6644, 48.8284



84.7056, -87.2869, 23.3231

Triad

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



84.7056, -71.6641, 48.8277



84.7056, -25.8452, -173.9289



84.7056, 126.7145, 31.0860

Complementary

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



84.7055, -71.6644, 48.8284



50.6632, 95.4612, -34.6985

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.



84.7056, 131.5636, -19.6728



84.7055, -71.6644, 48.8284



84.7056, 32.3978, -166.1902

Square

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



84.7056, -71.6641, 48.8277



84.7056, -65.9089, -115.5667



84.7056, 93.5157, -98.5081



84.7056, 81.6281, 51.3022

Rectangle

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



84.7055, -71.6644, 48.8284



84.7056, -87.9730, -11.5588



84.7056, 93.5157, -98.5081



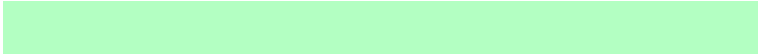
84.7056, 133.4702, 18.1116

Sweetspot

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



84.7056, -71.6641, 48.8277



92.1504, -37.4531, 23.4766



92.1771, -41.5518, 56.0716



42.2287, -19.0752, 11.9172

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.7056, -71.6641, 48.8277



84.7056, -71.6642, 48.8279



86.3631, -61.3832, 24.5624



44.9738, -7.5913, 5.2909



61.2434, -51.7190, 35.0975



19.1480, -15.9013, 10.3930

Inverse Universe

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



50.6632, 95.4612, -34.6985



50.6631, 95.4613, -34.6982



46.7445, 81.3139, 20.4151



42.7033, 3.1468, -0.5693



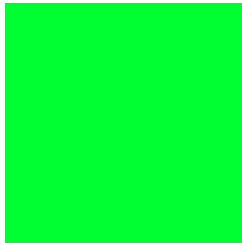
36.6516, 69.1093, -25.4807



11.5015, 21.7938, -8.8250

Previews

White Background



This preview shows how the HunterLab color 84.7055, -71.6644, 48.8284 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 84.7055, -71.6644, 48.8284 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

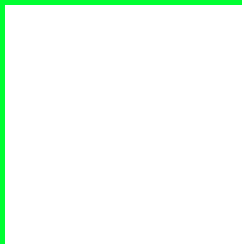
Any Text WCAG AAA ✓ Pass

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

HunterLab 84.7055, -71.6644, 48.8284 Background



This preview shows how black text looks on a background with the HunterLab color 84.7055, -71.6644, 48.8284.



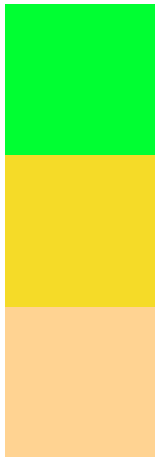
This preview shows how white text looks on a background with the HunterLab color 84.7055, -71.6644, 48.8284.

-71.6644, 48.8284.

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

84.7055, -71.6644, 48.8284

Protanopia

83.8026, -11.6745, 50.0141

Deuteranopia

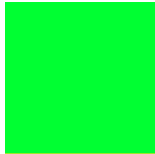
83.6205, 2.4971, 32.2886



Tritanopia

84.4783, -31.0455, -14.8876

Trichromacy



Original Color

84.7055, -71.6644, 48.8284



Protanomaly

80.5996, -45.7717, 47.1109



Deuteranomaly

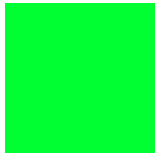
79.8544, -38.6225, 37.3637



Tritanomaly

83.3145, -52.9526, 19.6824

Monochromacy



Original Color

84.7055, -71.6644, 48.8284



Achromatopsia

57.2519, -3.0548, 3.1106



Achromatomaly

64.1861, -37.2748, 23.3528

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.7055, -71.6644, 48.8284 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, 50)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 50)  
}
```

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, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 84.7055, -71.6644, 48.8284 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, 50) }
```


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

```
.border{ border-color:rgb(0, 255, 50) }
```

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, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 50);  
box-shadow:4px 4px 4px 4px rgb(0, 255, 50)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 84.7055, -71.6644, 48.8284 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, 50) }
```

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

```
.background{ background-color: rgb(0, 255,  
50) }
```

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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