

Converting Colors

HunterLab(85.2221, -69.2628,
47.6124)

Have a look what the booklet for
HunterLab(85.2221, -69.2628,
47.6124) contains.

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Color

**HunterLab(85.2227,
-69.2584, 47.6070)**

Conversions

Conversions Part 1

Format	Color
Hex	33FF43
RGB	51, 255, 67
RGB Percent	20%, 100%, 26%
CMY	0.8000, 0.0000, 0.7372
CMYK	0.80, 0.00, 0.74, 0.00
HSL	125°, 100%, 60%
HSV	125°, 80%, 100%
XYZ	38.1384, 72.6291, 17.3189
YIQ	172.5720, -61.2360, -101.7160

Conversions

Conversions Part 2

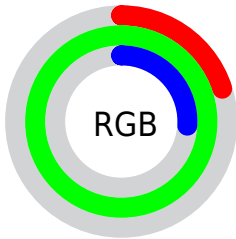
Format	Color
RYB	51, 240, 255
Decimal	3407683
CIELab	88.27, -80.65, 71.41
CIELCh	88, 107.723, 138.478
Yxy	72.6292, 0.2978, 0.5670
Android (android.graphics.Color)	4281597763 (0xFF33FF43)
YUV	172.5720, -52.0470, -106.6186
Hunter-Lab	85.2227, -69.2584, 47.6070

Details

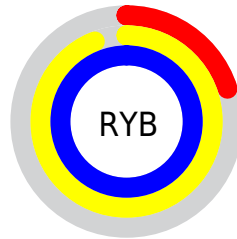
The HunterLab color **85.2227, -69.2584, 47.6070** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **54.6437, 93.8467, -53.2855**, and the grayscale version is **64.6943, -3.4519, 3.5150**.

A 20% lighter version of the original color is **88.3249, -55.1405, 40.2101**, and **63.1922, -54.1873, 37.9901** is the 20% darker color. If you saturate the color by 10%, you get **84.8005, -71.3205, 49.3728**, and if you desaturate by 10%, it is **85.9209, -65.9165, 45.0370**.

Distribution



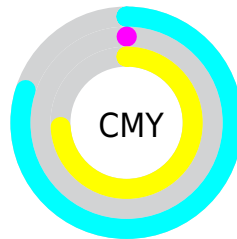
- Red (20%)
- Green (100%)
- Blue (26%)



- Red (20%)
- Yellow (94%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (74%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.2227, -69.2584, 47.6070 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 85.2227, -69.2584, 47.6070 by changing the saturation by 10% instead.


 85.2227, -69.2584,
47.6070


 85.2227, -69.2584,
47.6070


216.7322,
-107.9186, 83.5635


 73.2617, -64.2068,
42.9487


 110.8831,
-78.7463, 56.4045


 61.9194, -58.8963,
38.0875


 124.5329,
-83.2435, 60.5865

 51.2316, -53.2694,
32.9998


 138.7010,
-87.6063, 64.6470

 41.2412, -47.2490,
27.6814

 153.3690,
-91.8520, 68.6003

 32.0007, -40.7291,
22.4005

 168.5204,
-95.9949, 72.4587

 23.5768, -33.5618,
16.5038

184.1404,

 16.0581, -28.1017,

-100.0472, 76.2328

11.2407

200.2151,
-104.0189, 79.9318

■ 9.5705, -16.7483,
6.6993

0.0000, NaN, NaN

■ 85.2227, -69.2584,
47.6070

■ 85.2227, -69.2584,
47.6070

■ 84.8005, -71.3205,
49.3728

■ 85.9209, -65.9165,
45.0370


■ 84.5994, -72.3307,
50.3994


■ 86.9252, -61.1963,
41.6319


■ 84.5994, -72.3307,
50.3994

■ 88.2560, -55.0634,
37.3918

■ 89.9254, -47.5396,
32.3468

 91.9381, -38.6925,
26.5516

 94.2930, -28.6241,
20.0783

 96.9838, -17.4594,
13.0097

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



85.2228, -35.0627, 55.2300



85.2227, -69.2584, 47.6070



85.2228, -84.3706, 22.1237

Triad

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



85.2228, -69.2580, 47.6062



85.2228, -24.3403, -160.2992



85.2228, 118.1679, 30.4079

Complementary

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



85.2227, -69.2584, 47.6070



54.6437, 93.8467, -53.2855

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.



85.2228, 123.1157, -17.5748



85.2227, -69.2584, 47.6070



85.2228, 30.9651, -152.5688

Square

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



85.2228, -69.2580, 47.6062



85.2228, -63.1010, -107.5934



85.2228, 88.0906, -90.4129



85.2228, 75.8983, 50.4336

Rectangle

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



85.2227, -69.2584, 47.6070



85.2228, -84.9305, -11.2674



85.2228, 88.0906, -90.4129



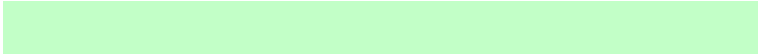
85.2228, 124.5809, 17.9692

Sweetspot

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



85.2228, -69.2580, 47.6062



93.3102, -32.7908, 22.7442



95.1474, -29.9889, 56.1526



42.7857, -16.8159, 11.5818

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.2228, -69.2580, 47.6062



84.6620, -72.0152, 50.0749



86.6020, -60.7320, 27.4035



44.9347, -7.8098, 5.8506



61.1598, -52.2431, 36.3335



19.1040, -16.1768, 11.0428

Inverse Universe

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



54.6437, 93.8467, -53.2855



52.4647, 100.2827, -55.4178



50.5011, 78.1493, 3.6290



42.7485, 3.3886, -1.2108



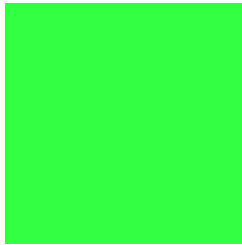
37.7532, 72.9818, -40.1636



11.8101, 22.8767, -12.9228

Previews

White Background



This preview shows how the HunterLab color 85.2227, -69.2584, 47.6070 looks on a white background.

Color Contrast Check

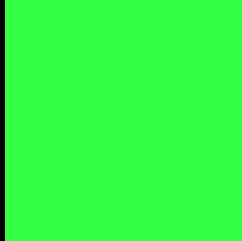
Large Text (above 18pt) WCAG AA × Fail

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 85.2227, -69.2584, 47.6070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

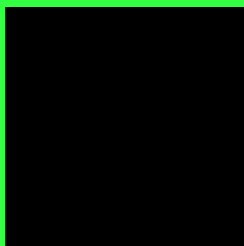
Any Text WCAG AA ✓ Pass

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 85.2227, -69.2584, 47.6070 Background



This preview shows how black text looks on a background with the HunterLab color 85.2227, -69.2584, 47.6070.



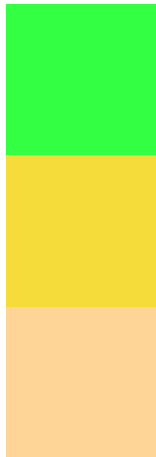
This preview shows how white text looks on a background with the HunterLab color 85.2227,

-69.2584, 47.6070.

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

85.2227, -69.2584, 47.6070

Protanopia

84.3118, -11.2800, 48.9400

Deuteranopia

84.0127, 2.4902, 31.1494



Tritanopia

84.8961, -29.4652, -14.2757

Trichromacy



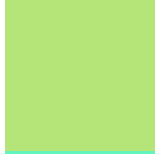
Original Color

85.2227, -69.2584, 47.6070



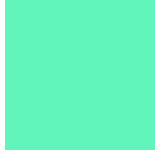
Protanomaly

82.2975, -40.6469, 46.8191



Deuteranomaly

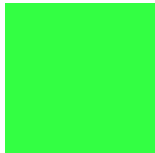
81.6496, -33.1638, 36.8283



Tritanomaly

84.1609, -49.1881, 17.8781

Monochromacy



Original Color

85.2227, -69.2584, 47.6070



Achromatopsia

64.6440, -3.4492, 3.5122



Achromatomaly

70.0716, -34.1993, 23.4951

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.2227, -69.2584, 47.6070 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(51, 255, 67)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 67)  
}
```

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(51, 255, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 67) }
```

Border

The CSS property to change the border of an element to HunterLab 85.2227, -69.2584, 47.6070 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(51, 255, 67) }
```


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

```
.border{ border-color:rgb(51, 255, 67) }
```

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

Here you see how a box with a 4 pixel rgb(51, 255, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 67);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
67) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.2227, -69.2584, 47.6070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 67) }
```

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

```
.background{ background-color: rgb(51, 255,  
67) }
```

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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