

Converting Colors

HunterLab(80.1805, -67.9265,
46.4152)

Have a look what the booklet for
HunterLab(80.1805, -67.9265,
46.4152) contains.

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Color

**HunterLab(80.1814,
-67.9120, 46.3827)**

Conversions

Conversions Part 1

Format	Color
Hex	00F32D
RGB	0, 243, 45
RGB Percent	0%, 95%, 18%
CMY	1.0000, 0.0470, 0.8235
CMYK	1.00, 0.00, 0.81, 0.05
HSL	131°, 100%, 48%
HSV	131°, 100%, 95%
XYZ	32.5242, 64.2906, 13.1778
YIQ	147.7710, -81.2700, -113.0940

Conversions

Conversions Part 2

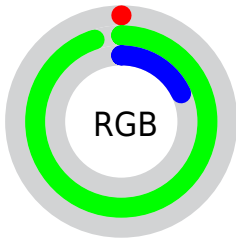
Format	Color
RYB	0, 205, 243
Decimal	62253
CIELab	84.12, -81.81, 73.68
CIELCh	84, 110.105, 137.993
Yxy	64.2932, 0.2957, 0.5845
Android (android.graphics.Color)	4278252333 (0xFF00F32D)
YUV	147.7710, -50.6661, -129.5952
Hunter-Lab	80.1814, -67.9120, 46.3827

Details

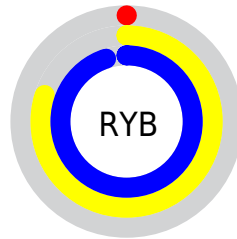
The HunterLab color **80.1814, -67.9120, 46.3827** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **48.0962, 90.8425, -34.6296**, and the grayscale version is **54.5492, -2.9106, 2.9638**.

A 20% lighter version of the original color is **87.3589, -59.5623, 43.1585**, and **58.9049, -50.5110, 35.4127** is the 20% darker color. If you saturate the color by 10%, you get **80.1830, -67.9131, 46.3831**, and if you desaturate by 10%, it is **80.4245, -66.6472, 44.7249**.

Distribution



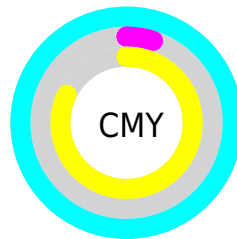
- Red (0%)
- Green (95%)
- Blue (18%)



- Red (0%)
- Yellow (80%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (81%)
- Black (5%)



- Cyan (100%)
- Magenta (5%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.1814, -67.9120, 46.3827 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 80.1814, -67.9120, 46.3827 by changing the saturation by 10% instead.

■ 80.1814, -67.9120,
46.3827

■ 80.1814, -67.9120,
46.3827

209.8208,
-107.5364, 83.7726

■ 68.4750, -62.6881,
41.5079

■ 105.3723,
-77.6900, 55.5743

■ 57.3997, -57.1770,
36.4162

■ 118.8010,
-82.3096, 59.9334

■ 46.9958, -51.3143,
31.0905

■ 132.7562,
-86.7835, 64.1597

■ 37.3097, -45.0110,
25.8523

■ 147.2187,
-91.1311, 68.2686

■ 28.3992, -38.1444,
19.8794

■ 162.1713,
-95.3680, 72.2735

■ 20.3388, -30.8487,
14.2372

177.5985,

■ 13.2299, -23.1523,

-99.5074, 76.1860

9.2609

193.4860,
-103.5604, 80.0162

■ 6.7521, -11.8162,
4.7265

0.0000, NaN, NaN

■ 80.1814, -67.9120,
46.3827

■ 80.1814, -67.9120,
46.3827

■ 80.1830, -67.9131,
46.3831

■ 80.4245, -66.6472,
44.7249

■ 80.8681, -64.4324,
42.4609

■ 81.5623, -61.0772,
39.5894

■ 82.5329, -56.5059,
36.1188

■ 83.7967, -50.6971,
32.0764

■ 85.3640, -43.6752,
27.5055

■ 87.2385, -35.5018,
22.4616

■ 89.4191, -26.2664,
17.0086

■ 91.9004, -16.0770,
11.2137

Harmonies

Analogous

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



80.1831, -33.9784, 52.9780



80.1814, -67.9120, 46.3827



80.1831, -82.8281, 22.3578

Triad

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



80.1831, -67.9131, 46.3830



80.1831, -24.8154, -165.5379



80.1831, 120.7274, 29.3288

Complementary

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



80.1814, -67.9120, 46.3827



48.0962, 90.8425, -34.6296

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.



80.1831, 125.0969, -19.0975



80.1814, -67.9120, 46.3827



80.1831, 30.4828, -158.5537

Square

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



80.1831, -67.9131, 46.3830



80.1831, -62.7456, -109.6329



80.1831, 88.6848, -94.2467



80.1831, 77.9770, 48.5933

Rectangle

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



80.1814, -67.9120, 46.3827



80.1831, -83.5385, -10.6658



80.1831, 88.6848, -94.2467



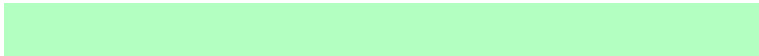
80.1831, 127.0797, 16.9519

Sweetspot

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



80.1831, -67.9131, 46.3830



92.1302, -37.5708, 23.7685



87.2761, -39.3039, 53.0910



42.2186, -19.1347, 12.0639

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.1831, -67.9131, 46.3830



84.6919, -71.7503, 49.0307



81.7672, -58.0864, 23.1899



43.0374, -7.2641, 5.1019



59.4132, -50.2362, 34.1841



17.6520, -14.6543, 9.5710

Inverse Universe

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



48.0962, 90.8425, -34.6296



50.7963, 95.9330, -36.4987



44.2613, 77.0077, 19.2284



40.8810, 3.0101, -0.5889



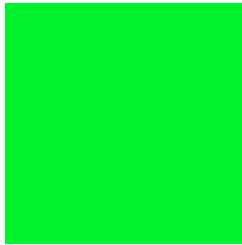
35.6569, 67.3910, -26.0086



10.6339, 20.2010, -8.5565

Previews

White Background



This preview shows how the HunterLab color 80.1814, -67.9120, 46.3827 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 80.1814, -67.9120, 46.3827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

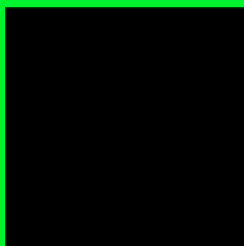
Any Text WCAG AA ✓ Pass

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 80.1814, -67.9120, 46.3827 Background



This preview shows how black text looks on a background with the HunterLab color 80.1814, -67.9120, 46.3827.



This preview shows how white text looks on a background with the HunterLab color 80.1814, -67.9120, 46.3827.

-67.9120, 46.3827.

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

80.1814, -67.9120, 46.3827

Protanopia

79.2033, -10.5823, 47.3700

Deuteranopia

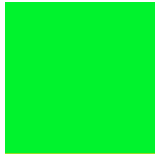
79.0523, 5.1438, 40.5019



Tritanopia

79.8448, -30.0850, -15.4741

Trichromacy



Original Color

80.1814, -67.9120, 46.3827



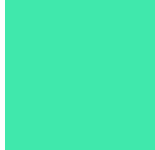
Protanomaly

76.3210, -43.2439, 44.7805



Deuteranomaly

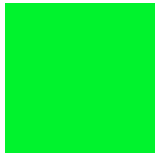
75.0402, -35.4901, 40.0706



Tritanomaly

78.6014, -50.3084, 18.1125

Monochromacy



Original Color

80.1814, -67.9120, 46.3827



Achromatopsia

54.4186, -2.9036, 2.9567



Achromatomaly

61.1509, -35.7354, 22.4740

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.1814, -67.9120, 46.3827 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, 243, 45)` looks like.

```
.text, #text, p{  
    color:rgb(0, 243, 45)  
}
```

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, 243, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 243, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 80.1814, -67.9120, 46.3827 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, 243, 45) }
```


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

```
.border{ border-color:rgb(0, 243, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 243, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 243, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 243, 45);  
box-shadow:4px 4px 4px 4px rgb(0, 243, 45)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 80.1814, -67.9120, 46.3827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 243, 45) }
```

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

```
.background{ background-color: rgb(0, 243,  
45) }
```

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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