

Converting Colors

HunterLab(83.3061, -65.9629,
47.0761)

Have a look what the booklet for
HunterLab(83.3061, -65.9629,
47.0761) contains.

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Color

**HunterLab(83.3009,
-65.9693, 47.0324)**

Conversions

Conversions Part 1

Format	Color
Hex	46F93D
RGB	70, 249, 61
RGB Percent	27%, 98%, 24%
CMY	0.7255, 0.0235, 0.7608
CMYK	0.72, 0.00, 0.75, 0.02
HSL	117°, 94%, 61%
HSV	117°, 75%, 98%
XYZ	37.2438, 69.3904, 15.8456
YIQ	174.0470, -46.3360, -96.4160

Conversions

Conversions Part 2

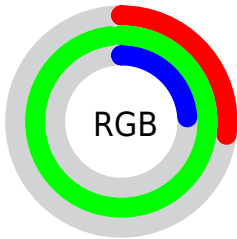
Format	Color
RYB	61, 249, 240
Decimal	4651325
CIELab	86.70, -76.78, 71.86
CIELCh	87, 105.163, 136.894
Yxy	69.3933, 0.3041, 0.5665
Android (android.graphics.Color)	4282841405 (0xFF46F93D)
YUV	174.0470, -55.7322, -91.2492
Hunter-Lab	83.3009, -65.9693, 47.0324

Details

The HunterLab color **83.3009, -65.9693, 47.0324** 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 **53.5775, 88.5056, -64.6187**, and the grayscale version is **65.3181, -3.4852, 3.5489**.

A 20% lighter version of the original color is **88.7356, -53.6237, 41.6532**, and **61.0423, -52.3438, 36.6976** is the 20% darker color. If you saturate the color by 10%, you get **82.7465, -68.5776, 48.5854**, and if you desaturate by 10%, it is **84.1362, -62.0799, 44.5670**.

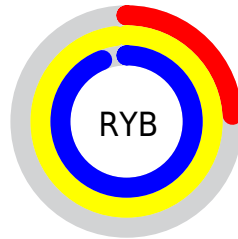
Distribution



Red (27%)

Green (98%)

Blue (24%)



Red (24%)

Yellow (98%)

Blue (94%)

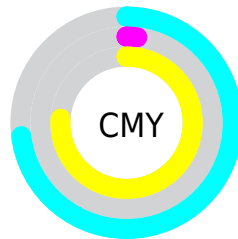


Cyan (72%)

Magenta (0%)

Yellow (75%)

Black (2%)



Cyan (73%)


Magenta (2%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.3009, -65.9693, 47.0324 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 83.3009, -65.9693, 47.0324 by changing the saturation by 10% instead.


 83.3009, -65.9693,
47.0324


 83.3009, -65.9693,
47.0324


214.1067,
-103.1444, 83.3443


 71.4367, -61.1169,
42.3178


 108.7856,
-75.0869, 55.9321


 60.1948, -56.0125,
37.3948


 122.3522,
-79.4086, 60.1587


 49.6136, -50.6005,
32.2418


 136.4400,
-83.6020, 64.2604

 39.7373, -44.8037,
26.9137

 151.0306,
-87.6840, 68.2519

 30.6203, -38.5144,
21.4342

 166.1071,
-91.6686, 72.1458

 22.3322, -31.5800,
15.6325

181.6543,

 14.9659, -26.1904,

-95.5672, 75.9531

10.4761

197.6584,
-99.3897, 79.6833

■ 8.6114, -15.0699,
6.0280

0.0000, NaN, NaN

■ 83.3009, -65.9693,
47.0324

■ 83.3009, -65.9693,
47.0324

■ 82.7465, -68.5776,
48.5854

■ 84.1362, -62.0799,
44.5670


■ 82.4355, -70.0291,
49.3381


■ 85.2694, -56.8446,
41.1289


■ 82.3600, -70.3818,
49.5177


■ 86.7165, -50.2593,
36.7028

■ 88.4848, -42.3659,
31.3098

 90.5757, -33.2438,
25.0002

 92.9855, -22.9996,
17.8456

 95.7065, -11.7558,
9.9312

 98.0990, -2.1474,
3.2307

Harmonies

Analogous

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



83.3026, -31.7455, 53.9849



83.3009, -65.9693, 47.0324



83.3026, -81.6035, 23.4673

Triad

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



83.3026, -65.9705, 47.0327



83.3026, -26.0817, -153.1776



83.3026, 115.4986, 27.8494

Complementary

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



83.3009, -65.9693, 47.0324



53.5775, 88.5056, -64.6187

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.



83.3026, 118.1023, -20.2510



83.3009, -65.9693, 47.0324



83.3026, 26.8884, -149.1206

Square

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



83.3026, -65.9705, 47.0327



83.3026, -62.7114, -100.1384



83.3026, 82.5816, -91.1131



83.3026, 76.1615, 48.5406

Rectangle

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



83.3009, -65.9693, 47.0324



83.3026, -82.7169, -7.8055



83.3026, 82.5816, -91.1131



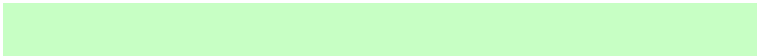
83.3026, 120.9872, 15.2346

Sweetspot

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



83.3026, -65.9705, 47.0327



93.6402, -31.6575, 23.9471



90.8654, -19.6276, 52.7658



42.9315, -16.3271, 12.2483

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.3026, -65.9705, 47.0327



84.8072, -71.4294, 50.4424



84.1484, -60.3739, 31.7472



43.9873, -7.6098, 6.1299



60.2698, -51.4330, 36.2376



18.3787, -15.4956, 11.0536

Inverse Universe

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



53.5775, 88.5056, -64.6187



52.0058, 99.9256, -74.0640



51.1604, 76.1116, -8.0688



41.8088, 3.2838, -1.6708



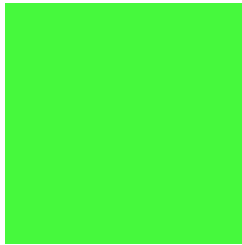
36.5038, 72.5429, -54.1559



11.1661, 22.1589, -16.3241

Previews

White Background



This preview shows how the HunterLab color 83.3009, -65.9693, 47.0324 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 83.3009, -65.9693, 47.0324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

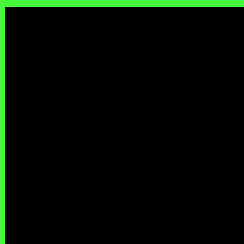
Any Text WCAG AA ✓ Pass

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 83.3009, -65.9693, 47.0324 Background



This preview shows how black text looks on a background with the HunterLab color 83.3009, -65.9693, 47.0324.



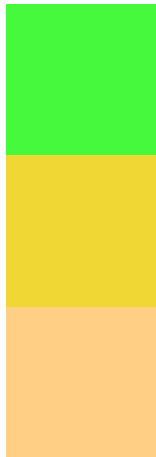
This preview shows how white text looks on a background with the HunterLab color 83.3009,

-65.9693, 47.0324.

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

83.3009, -65.9693, 47.0324

Protanopia

82.1886, -10.9226, 48.1093

Deuteranopia

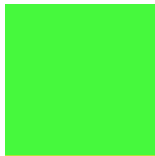
82.2234, 3.4184, 34.4620



Tritanopia

82.9115, -28.5064, -14.6742

Trichromacy



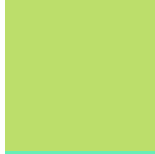
Original Color

83.3009, -65.9693, 47.0324



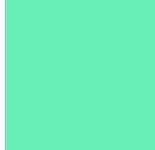
Protanomaly

80.4970, -37.2050, 46.2884



Deuteranomaly

79.9972, -29.5126, 38.4679



Tritanomaly

82.0678, -46.8352, 17.7771

Monochromacy



Original Color

83.3009, -65.9693, 47.0324



Achromatopsia

65.0590, -3.4714, 3.5348



Achromatomaly

69.7861, -31.9022, 23.5906

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.3009, -65.9693, 47.0324 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(70, 249, 61)` looks like.

```
.text, #text, p{  
    color:rgb(70, 249, 61)  
}
```

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(70, 249, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 249, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 83.3009, -65.9693, 47.0324 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(70, 249, 61) }
```


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

```
.border{ border-color:rgb(70, 249, 61) }
```

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

Here you see how a box with a 4 pixel rgb(70, 249, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 249, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 249, 61);  
box-shadow:4px 4px 4px 4px rgb(70, 249,  
61) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.3009, -65.9693, 47.0324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 249, 61) }
```

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

```
.background{ background-color: rgb(70, 249,  
61) }
```

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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