

Converting Colors

HunterLab(79.8265, -63.0828,
45.8015)

Have a look what the booklet for
HunterLab(79.8265, -63.0828,
45.8015) contains.

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Color

**HunterLab(79.9367,
-63.1714, 45.8277)**

Conversions

Conversions Part 1

Format	Color
Hex	47F033
RGB	71, 240, 51
RGB Percent	28%, 94%, 20%
CMY	0.7216, 0.0588, 0.8000
CMYK	0.70, 0.00, 0.79, 0.06
HSL	114°, 86%, 57%
HSV	114°, 79%, 94%
XYZ	34.3561, 63.8988, 13.6549
YIQ	167.9230, -40.0550, -94.6070

Conversions

Conversions Part 2

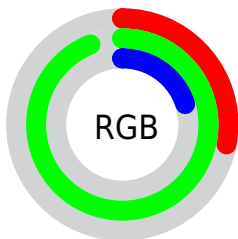
Format	Color
RYB	51, 240, 220
Decimal	4714547
CIELab	83.91, -74.49, 72.15
CIELCh	84, 103.706, 135.912
Yxy	63.9014, 0.3070, 0.5710
Android (android.graphics.Color)	4282904627 (0xFF47F033)
YUV	167.9230, -57.6430, -85.0015
Hunter-Lab	79.9367, -63.1714, 45.8277

Details

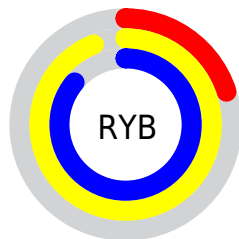
The HunterLab color **79.9367, -63.1714, 45.8277** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **48.8647, 84.1008, -68.4479**, and the grayscale version is **62.7876, -3.3502, 3.4114**.

A 20% lighter version of the original color is **88.5667, -54.5428, 43.3575**, and **57.8411, -49.5987, 34.7731** is the 20% darker color. If you saturate the color by 10%, you get **79.4156, -65.5863, 47.0128**, and if you desaturate by 10%, it is **80.7032, -59.6335, 43.7934**.

Distribution



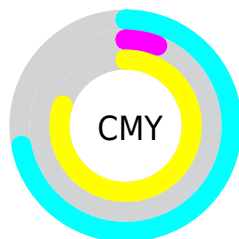
- Red (28%)
- Green (94%)
- Blue (20%)



- Red (20%)
- Yellow (94%)
- Blue (86%)



- Cyan (70%)
- Magenta (0%)
- Yellow (79%)
- Black (6%)





- Cyan (72%)
- Magenta (6%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 79.9367, -63.1714, 45.8277 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 79.9367, -63.1714, 45.8277 by changing the saturation by 10% instead.


 79.9367, -63.1714,
45.8277


 79.9367, -63.1714,
45.8277


209.4836,
-99.6503, 82.5505


 68.2428, -58.3947,
41.0402


 105.1042,
-72.1323, 54.8524


 57.1809, -53.3620,
36.0373


 118.5220,
-76.3750, 59.1323


 46.7911, -48.0147,
30.7998


 132.4667,
-80.4896, 63.2821

 37.1202, -42.2707,
25.5865

 146.9191,
-84.4935, 67.3173

 28.2262, -36.0139,
19.7583

 161.8618,
-88.4007, 71.2511

 20.1840, -29.1498,
14.1288

177.2794,

 13.0959, -22.9178,

-92.2229, 75.0949

9.1671

193.1577,
-95.9700, 78.8585

■ 6.5829, -11.5201,
4.6081

0.0000, NaN, NaN

■ 79.9367, -63.1714,
45.8277

■ 79.9367, -63.1714,
45.8277

■ 79.4156, -65.5863,
47.0128

■ 80.7032, -59.6335,
43.7934


■ 79.1058, -66.9979,
47.5070


■ 81.7289, -54.9134,
40.8344


■ 79.0787, -67.1222,
47.5528


■ 83.0277, -49.0032,
36.9197

■ 84.6064, -41.9325,
32.0530

 86.4667, -33.7627,
26.2671

 88.6065, -24.5785,
19.6168

 91.0200, -14.4797,
12.1724

 93.6989, -3.5737,
4.0130

 95.2905, 2.6770,
-0.1008

Harmonies

Analogous

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



79.9384, -29.3968, 52.1045



79.9367, -63.1714, 45.8277



79.9384, -78.8310, 23.8750

Triad

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



79.9384, -63.1726, 45.8280



79.9384, -26.7467, -149.1036



79.9384, 113.4547, 25.9185

Complementary

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



79.9367, -63.1714, 45.8277



48.8647, 84.1008, -68.4479

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.



79.9384, 114.6816, -21.8207



79.9367, -63.1714, 45.8277



79.9384, 24.4045, -147.1822

Square

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



79.9384, -63.1726, 45.8280



79.9384, -61.6535, -95.7124



79.9384, 78.9774, -91.4464



79.9384, 75.9556, 46.5205

Rectangle

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



79.9367, -63.1714, 45.8277



79.9384, -80.2447, -5.8569



79.9384, 78.9774, -91.4464



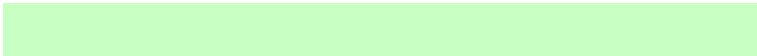
79.9384, 118.3902, 13.3687

Sweetspot

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



79.9384, -63.1726, 45.8280



93.6606, -31.7039, 24.9235



82.9967, -12.7745, 48.6805



42.9630, -16.2588, 12.6779

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.9384, -63.1726, 45.8280



84.8644, -71.2163, 50.7227



80.2922, -60.1876, 34.4737



42.1146, -7.0677, 5.9067



58.5301, -49.5629, 35.1983



16.9598, -13.9627, 10.2061

Inverse Universe

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



48.8647, 84.1008, -68.4479



49.3300, 97.2904, -81.6093



48.6878, 76.6502, -13.5060



39.9269, 2.9103, -1.6623



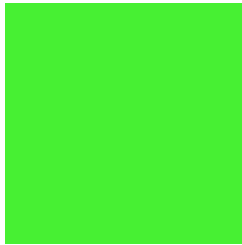
33.6980, 67.9285, -57.4466



9.8430, 19.7670, -16.2027

Previews

White Background



This preview shows how the HunterLab color 79.9367, -63.1714, 45.8277 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 79.9367, -63.1714, 45.8277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

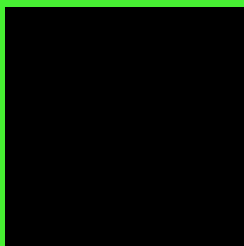
Any Text WCAG AA ✓ Pass

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 79.9367, -63.1714, 45.8277 Background



This preview shows how black text looks on a background with the HunterLab color 79.9367, -63.1714, 45.8277.



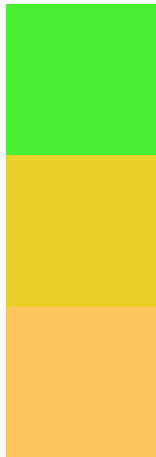
This preview shows how white text looks on a background with the HunterLab color 79.9367,

-63.1714, 45.8277.

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

79.9367, -63.1714, 45.8277

Protanopia

79.1264, -10.7966, 46.8557

Deuteranopia

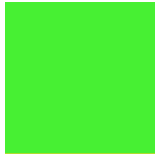
79.0180, 4.9600, 41.0070



Tritanopia

79.7772, -27.0863, -13.7475

Trichromacy



Original Color

79.9367, -63.1714, 45.8277



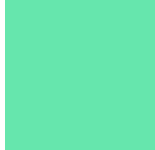
Protanomaly

77.7061, -35.9647, 45.2803



Deuteranomaly

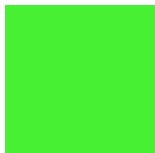
76.7007, -27.3867, 41.2115



Tritanomaly

79.0162, -44.9371, 18.2374

Monochromacy



Original Color

79.9367, -63.1714, 45.8277



Achromatopsia

62.5758, -3.3389, 3.3999



Achromatomaly

67.1199, -30.5863, 23.6848

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.9367, -63.1714, 45.8277 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(71, 240, 51)` looks like.

```
.text, #text, p{  
    color:rgb(71, 240, 51)  
}
```

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(71, 240, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 240, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 79.9367, -63.1714, 45.8277 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(71, 240, 51) }
```


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

```
.border{ border-color:rgb(71, 240, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 240, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 240, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 240, 51);  
box-shadow:4px 4px 4px 4px rgb(71, 240,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.9367, -63.1714, 45.8277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 240, 51) }
```

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

```
.background{ background-color: rgb(71, 240,  
51) }
```

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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