

Converting Colors

HunterLab(82.7487, -63.9639,
44.5066)

Have a look what the booklet for
HunterLab(82.7487, -63.9639,
44.5066) contains.

HunterLab(82.7900, -64.0389, 44.5963)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(82.7900,
-64.0389, 44.5963)**

Conversions

Conversions Part 1

Format	Color
Hex	4AF74F
RGB	74, 247, 79
RGB Percent	29%, 97%, 31%
CMY	0.7098, 0.0314, 0.6902
CMYK	0.70, 0.00, 0.68, 0.03
HSL	122°, 92%, 63%
HSV	122°, 70%, 97%
XYZ	37.4960, 68.5418, 18.6507
YIQ	176.1210, -49.1800, -88.9240

Conversions

Conversions Part 2

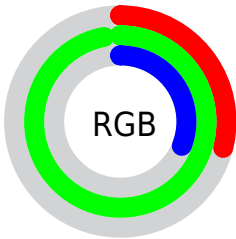
Format	Color
RYB	74, 242, 247
Decimal	4912975
CIELab	86.28, -74.14, 65.27
CIELCh	86, 98.775, 138.643
Yxy	68.5447, 0.3007, 0.5497
Android (android.graphics.Color)	4283103055 (0xFF4AF74F)
YUV	176.1210, -47.8807, -89.5601
Hunter-Lab	82.7900, -64.0389, 44.5963

Details

The HunterLab color **82.7900, -64.0389, 44.5963** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **55.7524, 84.3995, -53.5022**, and the grayscale version is **66.1498, -3.5296, 3.5940**.

A 20% lighter version of the original color is **88.9936, -52.1716, 38.6530**, and **60.3357, -51.6860, 36.1608** is the 20% darker color. If you saturate the color by 10%, you get **82.1345, -67.1640, 46.8242**, and if you desaturate by 10%, it is **83.7491, -59.5526, 41.4805**.

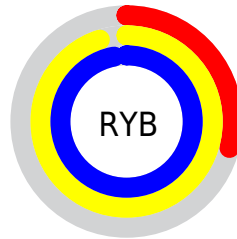
Distribution



Red (29%)

Green (97%)

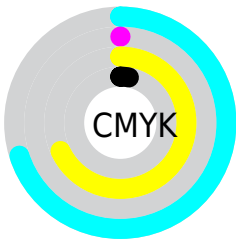
Blue (31%)



Red (29%)

Yellow (95%)

Blue (97%)

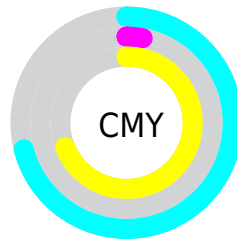


Cyan (70%)

Magenta (0%)

Yellow (68%)

Black (3%)



Cyan (71%)

Magenta (3%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.7900, -64.0389, 44.5963 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 82.7900, -64.0389, 44.5963 by changing the saturation by 10% instead.

82.7900, -64.0389,
44.5963

82.7900, -64.0389,
44.5963

213.4065,
-100.1336, 78.0163

70.9514, -59.3364,
40.2692

108.2271,
-72.8796, 52.7641

59.7364, -54.3912,
35.7456

121.7713,
-77.0725, 56.6461

49.1839, -49.1490,
30.9984

135.8376,
-81.1427, 60.4166

39.3383, -43.5341,
26.0050

150.4074,
-85.1064, 64.0895

30.2547, -37.4402,
21.1783

165.4637,
-88.9770, 67.6766

22.0032, -30.7153,
15.4022

180.9915,

14.6783, -25.6870,

-92.7657, 71.1879

10.2748

196.9766,
-96.4819, 74.6320

■ 8.3368, -14.5894,
5.8358

0.0000, NaN, NaN

■ 82.7900, -64.0389,
44.5963

■ 82.7900, -64.0389,
44.5963

■ 82.1345, -67.1640,
46.8242

■ 83.7491, -59.5526,
41.4805


■ 81.7465, -69.0310,
48.2214


■ 85.0274, -53.6623,
37.4586


■ 81.5720, -69.8795,
48.8918


■ 86.6388, -46.3868,
32.5491

■ 88.5884, -37.7911,
26.7998

 90.8752, -27.9758,
20.2803

 93.4930, -17.0654,
13.0744

 96.4316, -5.1963,
5.2730

 97.4701, -1.0792,
2.4929

Harmonies

Analogous

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



82.7917, -32.4937, 52.4315



82.7900, -64.0389, 44.5963



82.7917, -78.1430, 20.3135

Triad

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



82.7917, -64.0401, 44.5967



82.7917, -22.2057, -140.7582



82.7917, 105.3747, 28.3835

Complementary

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



82.7900, -64.0389, 44.5963



55.7524, 84.3995, -53.5022

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.



82.7917, 109.9665, -15.2020



82.7900, -64.0389, 44.5963



82.7917, 27.9732, -133.7524

Square

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



82.7917, -64.0401, 44.5967



82.7917, -58.0263, -95.2253



82.7917, 79.0331, -79.5111



82.7917, 67.6534, 47.5499

Rectangle

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



82.7900, -64.0389, 44.5963



82.7917, -78.6147, -10.1588



82.7917, 79.0331, -79.5111



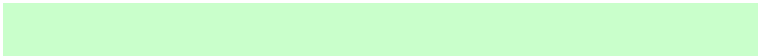
82.7917, 111.1233, 16.8996

Sweetspot

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



82.7917, -64.0401, 44.5967



93.9743, -30.0725, 21.7336



92.8835, -24.4705, 52.6705



43.1618, -15.2557, 10.9454

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



82.7917, -64.0401, 44.5967



84.9662, -70.5828, 49.2437



84.0466, -56.3271, 26.2312



42.9881, -7.5398, 5.8081



59.3236, -50.7989, 35.5110



17.5949, -15.0121, 10.4149

Inverse Universe

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



55.7524, 84.3995, -53.5022



54.4604, 98.3822, -62.1147



52.0846, 69.7445, -3.3120



40.9384, 3.3172, -1.4036



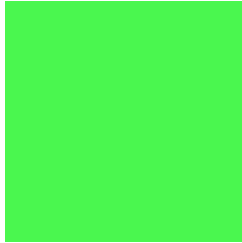
37.1274, 72.5414, -45.4620



11.0186, 21.5463, -13.6293

Previews

White Background



This preview shows how the HunterLab color 82.7900, -64.0389, 44.5963 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 82.7900, -64.0389, 44.5963 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 82.7900, -64.0389, 44.5963 Background



This preview shows how black text looks on a background with the HunterLab color 82.7900, -64.0389, 44.5963.



This preview shows how white text looks on a background with the HunterLab color 82.7900, -64.0389, 44.5963.

-64.0389, 44.5963.

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

82.7900, -64.0389, 44.5963

Protanopia

81.7839, -10.5329, 46.0098

Deuteranopia

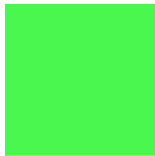
81.8788, 3.6653, 34.9687



Tritanopia

82.4963, -28.4789, -14.0764

Trichromacy



Original Color

82.7900, -64.0389, 44.5963



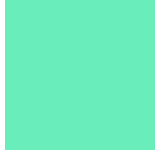
Protanomaly

80.2854, -36.0272, 44.1858



Deuteranomaly

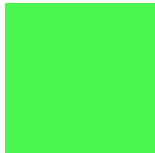
79.8133, -28.3700, 37.2964



Tritanomaly

81.9142, -45.3710, 15.6520

Monochromacy



Original Color

82.7900, -64.0389, 44.5963



Achromatopsia

65.8903, -3.5157, 3.5799



Achromatomaly

70.4650, -30.6611, 21.6804

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 82.7900, -64.0389, 44.5963 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(74, 247, 79)` looks like.

```
.text, #text, p{  
    color:rgb(74, 247, 79)  
}
```

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(74, 247, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 247, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 82.7900, -64.0389, 44.5963 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(74, 247, 79) }
```


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

```
.border{ border-color:rgb(74, 247, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 247, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 247, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 247, 79);  
box-shadow:4px 4px 4px 4px rgb(74, 247,  
79) }
```

Background

The CSS property to change the background color of an element to HunterLab 82.7900, -64.0389, 44.5963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 247, 79) }
```

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

```
.background{ background-color: rgb(74, 247,  
79) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor