

Converting Colors

HunterLab(87.2436, -59.8846,
41.8919)

Have a look what the booklet for
HunterLab(87.2436, -59.8846,
41.8919) contains.

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Color

**HunterLab(87.2436,
-59.8846, 41.8919)**

Conversions

Conversions Part 1

Format	Color
Hex	6FFF72
RGB	111, 255, 114
RGB Percent	44%, 100%, 45%
CMY	0.5647, 0.0000, 0.5529
CMYK	0.56, 0.00, 0.55, 0.00
HSL	121°, 100%, 72%
HSV	121°, 56%, 100%
XYZ	45.3528, 76.1145, 28.2208
YIQ	195.8700, -40.5630, -74.3790

Conversions

Conversions Part 2

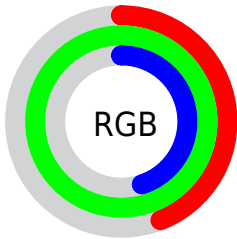
Format	Color
RYB	111, 252, 255
Decimal	7339890
CIELab	89.91, -65.80, 55.09
CIElCh	90, 85.820, 140.065
Yxy	76.1146, 0.3030, 0.5085
Android (android.graphics.Color)	4285529970 (0xFF6FFF72)
YUV	195.8700, -40.3619, -74.4310
Hunter-Lab	87.2436, -59.8846, 41.8919

Details

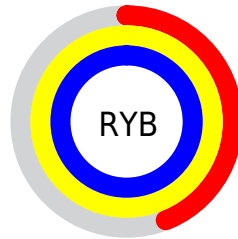
The HunterLab color $87.2436, -59.8846, 41.8919$ is a light color, and the websafe version is hex $66FF66$. A complement of this color would be $62.9739, 72.6064, -46.6302$, and the grayscale version is $74.4209, -3.9709, 4.0434$.

A 20% lighter version of the original color is $91.2517, -42.0197, 31.1045$, and $63.7307, -51.3806, 34.3940$ is the 20% darker color. If you saturate the color by 10%, you get $86.1375, -65.0386, 45.4281$, and if you desaturate by 10%, it is $88.6902, -53.2623, 37.3962$.

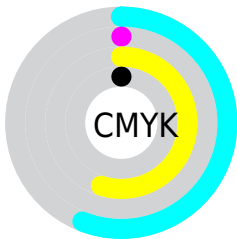
Distribution



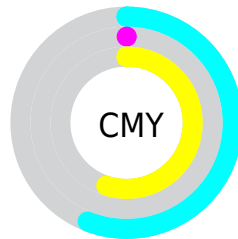
- Red (44%)
- Green (100%)
- Blue (45%)



- Red (44%)
- Yellow (99%)
- Blue (100%)



- Cyan (56%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)





- Cyan (56%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.2436, -59.8846, 41.8919 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 87.2436, -59.8846, 41.8919 by changing the saturation by 10% instead.


 87.2436, -59.8846,
41.8919


 87.2436, -59.8846,
41.8919


219.4857,
-92.1691, 70.5823


 75.1841, -55.7455,
38.2349


 113.0879,
-67.7099, 48.8234

 63.7379, -51.4150,
34.4212


 126.8242,
-71.4421, 52.1355

 52.9399, -46.8494,
30.4209


 141.0756,
-75.0767, 55.3638

 42.8316, -41.9892,
26.2001

155.8240,
-78.6265, 58.5195

 33.4639, -36.7509,
21.7246

171.0534,
-82.1023, 61.6118

 24.9006, -31.0127,
17.4304


186.7489,

 17.2259, -25.0797,


-85.5132, 64.6487


12.0581


202.8971,
-88.8666, 67.6370


 10.5579, -18.4763,
7.3905


0.0000, NaN, NaN


 87.2436, -59.8846,
41.8919


 87.2436, -59.8846,
41.8919


 86.1375, -65.0386,
45.4281


 88.6902, -53.2623,
37.3962


 85.3532, -68.7462,
48.0143

 90.4874, -45.2097,
31.9720

 84.8621, -71.0944,
49.6999

 92.6381, -35.8083,
25.6765

 84.6228, -72.2524,
50.5849

 95.1394, -25.1738,
18.5887

■ 84.5764, -72.4751,
50.7397

■ 97.9831, -13.4425,
10.8003

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.



87.2437, -31.4920, 51.2559



87.2436, -59.8846, 41.8919



87.2437, -72.5985, 17.3683

Triad

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



87.2437, -59.8841, 41.8911



87.2437, -18.5998, -115.2649



87.2437, 88.4099, 27.8362

Complementary

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



87.2436, -59.8846, 41.8919



62.9739, 72.6064, -46.6302

Split Complementary

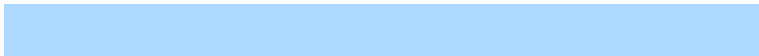
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.2437, 93.7298, -10.0923



87.2436, -59.8846, 41.8919



87.2437, 25.8667, -107.6117

Square

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



87.2437, -59.8841, 41.8911



87.2437, -52.0384, -80.7170



87.2437, 69.0172, -63.1490



87.2437, 55.6513, 46.3312

Rectangle

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



87.2436, -59.8846, 41.8919



87.2437, -72.5766, -10.3002



87.2437, 69.0172, -63.1490



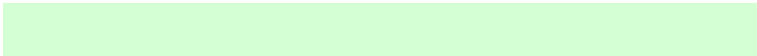
87.2437, 93.6835, 17.5182

Sweetspot

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



87.2437, -59.8841, 41.8911



94.9982, -25.7660, 18.9827



96.6827, -23.3563, 49.9438



43.7069, -12.9463, 9.4650

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.2437, -59.8841, 41.8911



85.9973, -65.6982, 45.8846



88.5547, -51.9380, 22.7784



44.9158, -7.9156, 6.1217



61.1388, -52.3755, 36.6454



19.0829, -16.3091, 11.3547

Inverse Universe

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



62.9739, 72.6064, -46.6302



58.5010, 85.8852, -55.2679



59.9574, 59.4829, -5.0304



42.7709, 3.5082, -1.5279



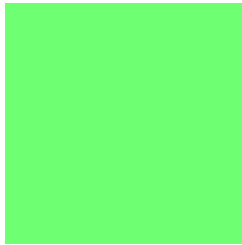
38.3509, 75.0613, -47.9642



11.9752, 23.4509, -15.0751

Previews

White Background



This preview shows how the HunterLab color 87.2436, -59.8846, 41.8919 looks on a white background.

Color Contrast Check

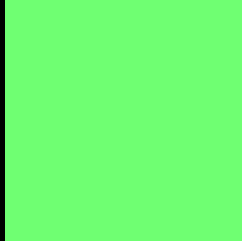
Large Text (above 18pt) WCAG AA × Fail

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 87.2436, -59.8846, 41.8919 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

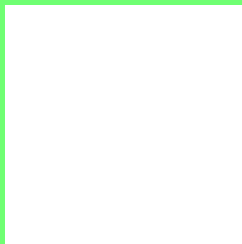
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 87.2436, -59.8846, 41.8919 Background



This preview shows how black text looks on a background with the HunterLab color 87.2436, -59.8846, 41.8919.



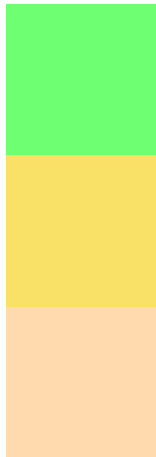
This preview shows how white text looks on a background with the HunterLab color 87.2436, -59.8846, 41.8919.

-59.8846, 41.8919.

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

87.2436, -59.8846, 41.8919

Protanopia

86.5966, -10.3650, 44.2120

Deuteranopia

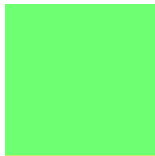
86.2895, 1.9705, 25.6910



Tritanopia

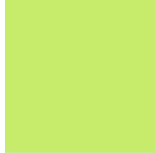
86.9121, -23.6739, -11.3994

Trichromacy



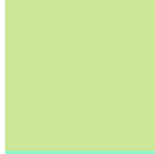
Original Color

87.2436, -59.8846, 41.8919



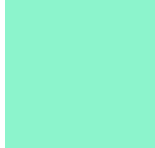
Protanomaly

85.5662, -32.3862, 42.3279



Deuteranomaly

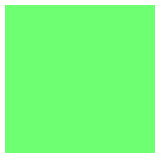
84.9207, -24.8647, 31.1525



Tritanomaly

86.3924, -39.4801, 13.3381

Monochromacy



Original Color

87.2436, -59.8846, 41.8919



Achromatopsia

74.2975, -3.9643, 4.0367



Achromatomaly

77.7034, -27.5238, 19.8713

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.2436, -59.8846, 41.8919 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(111, 255, 114)` looks like.

```
.text, #text, p{  
    color:rgb(111, 255, 114)  
}
```

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(111, 255, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 255, 114) }
```

Border

The CSS property to change the border of an element to HunterLab 87.2436, -59.8846, 41.8919 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(111, 255, 114) }
```


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

```
.border{ border-color:rgb(111, 255, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 255, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 255, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 255, 114);  
box-shadow:4px 4px 4px 4px rgb(111, 255,  
114) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.2436, -59.8846, 41.8919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 255, 114) }
```

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

```
.background{ background-color: rgb(111,  
255, 114) }
```

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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