

Converting Colors

HunterLab(84.2118, -59.3840,
41.9328)

Have a look what the booklet for
HunterLab(84.2118, -59.3840,
41.9328) contains.

HunterLab(84.2483, -59.3814, 42.0274)	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(84.2483,
-59.3814, 42.0274)**

Conversions

Conversions Part 1

Format	Color
Hex	67F866
RGB	103, 248, 102
RGB Percent	40%, 97%, 40%
CMY	0.5961, 0.0274, 0.6000
CMYK	0.58, 0.00, 0.59, 0.03
HSL	120°, 91%, 69%
HSV	120°, 59%, 97%
XYZ	41.5592, 70.9778, 24.0801
YIQ	188.0010, -39.5540, -76.1460

Conversions

Conversions Part 2

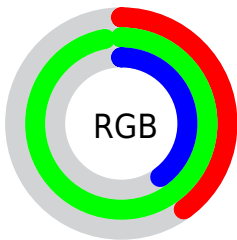
Format	Color
RYB	102, 248, 247
Decimal	6813798
CIELab	87.48, -66.51, 57.46
CIELCh	87, 87.890, 139.177
Yxy	70.9807, 0.3042, 0.5195
Android (android.graphics.Color)	4285003878 (0xFF67F866)
YUV	188.0010, -42.3985, -74.5459
Hunter-Lab	84.2483, -59.3814, 42.0274

Details

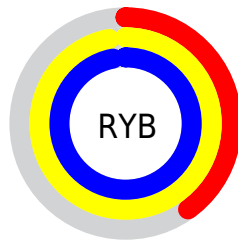
The HunterLab color $84.2483, -59.3814, 42.0274$ is a light color, and the websafe version is hex $66FF66$. A complement of this color would be $60.0473, 73.4443, -49.4040$, and the grayscale version is $71.1014, -3.7938, 3.8631$.

A 20% lighter version of the original color is $90.5877, -45.0854, 34.1529$, and $60.9379, -50.6341, 34.1484$ is the 20% darker color. If you saturate the color by 10%, you get $83.2537, -64.0317, 45.1524$, and if you desaturate by 10%, it is $85.5720, -53.3091, 37.9301$.

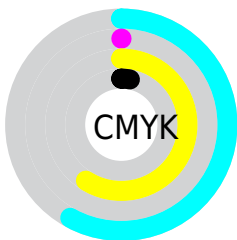
Distribution



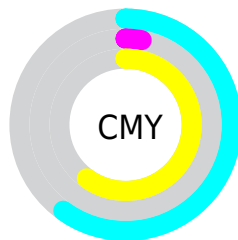
- Red (40%)
- Green (97%)
- Blue (40%)



- Red (40%)
- Yellow (97%)
- Blue (97%)



- Cyan (58%)
- Magenta (0%)
- Yellow (59%)
- Black (3%)



- Cyan (60%)
- Magenta (3%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.2483, -59.3814, 42.0274 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 84.2483, -59.3814, 42.0274 by changing the saturation by 10% instead.

84.2483, -59.3814,
42.0274

84.2483, -59.3814,
42.0274

215.4034,
-92.1539, 71.9139

72.3370, -55.1591,
38.1927

109.8209,
-67.3512, 49.2820

61.0454, -50.7313,
34.1860

123.4287,
-71.1448, 52.7399

50.4113, -46.0521,
29.9775

137.5562,
-74.8354, 56.1055

40.4784, -41.0564,
25.5343

152.1851,
-78.4369, 59.3910

31.3002, -35.6520,
20.9624

167.2987,
-81.9607, 62.6066

22.9447, -29.7034,
16.0613

182.8819,

15.5027, -24.6515,

-85.4163, 65.7609

10.8519

198.9210,
-88.8118, 68.8612

■ 9.0973, -15.9202,
6.3681

0.0000, NaN, NaN

■ 84.2483, -59.3814,
42.0274

■ 84.2483, -59.3814,
42.0274

■ 83.2537, -64.0317,
45.1524

■ 85.5720, -53.3091,
37.9301

■ 82.5629, -67.2910,
47.3295


■ 87.2311, -45.8335,
32.8734


■ 82.1477, -69.2634,
48.6314


■ 89.2318, -37.0254,
26.9042


■ 81.9590, -70.1625,
49.2162

■ 91.5724, -26.9898,
20.0937

 81.9443, -70.2330,
49.2641

 94.2460, -15.8547,
12.5289

 97.2422, -3.7593,
4.3048

 97.7843, -1.6137,
2.8620

Harmonies

Analogous

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



84.2501, -30.4990, 50.6607



84.2483, -59.3814, 42.0274



84.2501, -72.4695, 18.3270

Triad

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



84.2501, -59.3827, 42.0279



84.2501, -19.7875, -118.7329



84.2501, 91.0881, 26.9481

Complementary

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



84.2483, -59.3814, 42.0274



60.0473, 73.4443, -49.4040

Split Complementary

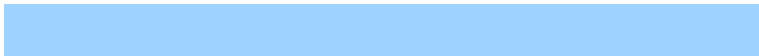
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.2501, 95.5982, -11.9478



84.2483, -59.3814, 42.0274



84.2501, 25.0926, -112.1431

Square

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



84.2501, -59.3827, 42.0279



84.2501, -52.9297, -81.7368



84.2501, 69.4535, -66.7029



84.2501, 58.1622, 45.5556

Rectangle

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



84.2483, -59.3814, 42.0274



84.2501, -72.7433, -9.2672



84.2501, 69.4535, -66.7029



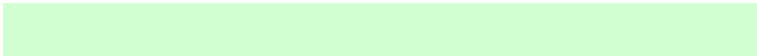
84.2501, 96.1994, 16.4247

Sweetspot

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



84.2501, -59.3827, 42.0279



94.7334, -26.9291, 20.1092



93.0418, -20.9754, 48.9537



43.4818, -13.9253, 10.2993

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.2501, -59.3827, 42.0279



85.7421, -66.9619, 47.1878



85.4186, -52.2060, 24.4295



43.9487, -7.7486, 6.0854



60.2284, -51.6104, 36.2089



18.3346, -15.6841, 11.0231

Inverse Universe

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



60.0473, 73.4443, -49.4040



57.5650, 89.2880, -60.4085



57.1426, 60.7008, -7.1223



41.8547, 3.4373, -1.6097



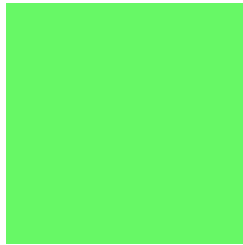
37.7861, 74.3987, -50.6889



11.5078, 22.6538, -15.4044

Previews

White Background



This preview shows how the HunterLab color 84.2483, -59.3814, 42.0274 looks on a white background.

Color Contrast Check

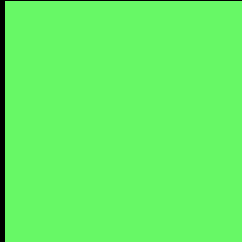
Large Text (above 18pt) WCAG AA × Fail

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 84.2483, -59.3814, 42.0274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

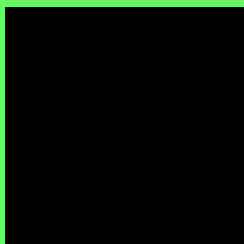
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

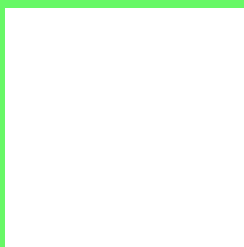
Any Text WCAG AAA ✓ Pass

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

HunterLab 84.2483, -59.3814, 42.0274 Background



This preview shows how black text looks on a background with the HunterLab color 84.2483, -59.3814, 42.0274.



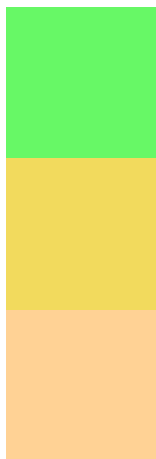
This preview shows how white text looks on a background with the HunterLab color 84.2483,

-59.3814, 42.0274.

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

84.2483, -59.3814, 42.0274

Protanopia

83.5526, -10.2042, 43.9574

Deuteranopia

83.3805, 3.3214, 31.2182



Tritanopia

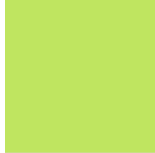
84.0513, -25.9690, -13.0425

Trichromacy



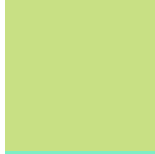
Original Color

84.2483, -59.3814, 42.0274



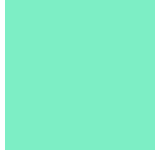
Protanomaly

82.4376, -32.5018, 42.2696



Deuteranomaly

82.0101, -24.5906, 34.3217



Tritanomaly

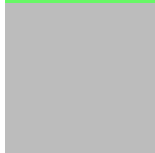
83.3908, -40.8127, 13.1137

Monochromacy



Original Color

84.2483, -59.3814, 42.0274



Achromatopsia

70.9145, -3.7838, 3.8529



Achromatomaly

74.6295, -27.6650, 20.1602

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.2483, -59.3814, 42.0274 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(103, 248, 102)` looks like.

```
.text, #text, p{  
    color:rgb(103, 248, 102)  
}
```

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(103, 248, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 248, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 84.2483, -59.3814, 42.0274 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(103, 248, 102) }
```


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

```
.border{ border-color:rgb(103, 248, 102) }
```

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

Here you see how a box with a 4 pixel rgb(103, 248, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 248, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 248, 102);  
box-shadow:4px 4px 4px 4px rgb(103, 248,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.2483, -59.3814, 42.0274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 248, 102) }
```

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

```
.background{ background-color: rgb(103,  
248, 102) }
```

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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