

Converting Colors

HunterLab(84.7053, -60.5662,
37.0134)

Have a look what the booklet for
HunterLab(84.7053, -60.5662,
37.0134) contains.

HunterLab(84.7010, -60.5927, 37.0766)	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(84.7010,
-60.5927, 37.0766)**

Conversions

Conversions Part 1

Format	Color
Hex	53FA7F
RGB	83, 250, 127
RGB Percent	33%, 98%, 50%
CMY	0.6745, 0.0196, 0.5019
CMYK	0.67, 0.00, 0.49, 0.02
HSL	136°, 94%, 65%
HSV	136°, 67%, 98%
XYZ	41.5837, 71.7426, 31.7348
YIQ	186.0450, -60.0490, -73.6570

Conversions

Conversions Part 2

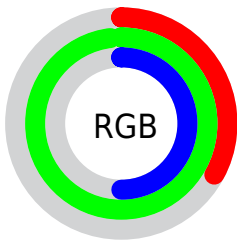
Format	Color
RYB	83, 215, 250
Decimal	5503615
CIELab	87.85, -68.03, 46.44
CIELCh	88, 82.370, 145.682
Yxy	71.7455, 0.2867, 0.4946
Android (android.graphics.Color)	4283693695 (0xFF53FA7F)
YUV	186.0450, -29.1092, -90.3705
Hunter-Lab	84.7010, -60.5927, 37.0766

Details

The HunterLab color **84.7010, -60.5927, 37.0766** is a light color, and the websafe version is hex **33FF99**. The color can be described as light muted spring green. A complement of this color would be **55.6489, 74.7357, -26.6161**, and the grayscale version is **70.2300, -3.7473, 3.8157**.

A 20% lighter version of the original color is **90.2117, -45.5186, 25.7047**, and **61.8120, -50.0698, 30.8267** is the 20% darker color. If you saturate the color by 10%, you get **83.8862, -64.5149, 40.4165**, and if you desaturate by 10%, it is **85.8018, -55.4655, 33.2721**.

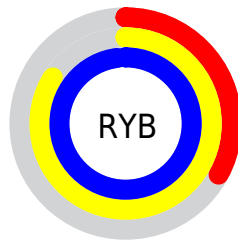
Distribution



Red (33%)

Green (98%)

Blue (50%)



Red (33%)

Yellow (84%)

Blue (98%)

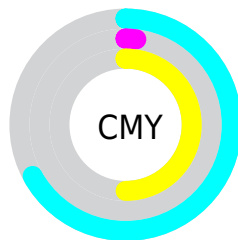


Cyan (67%)

Magenta (0%)

Yellow (49%)

Black (2%)



Cyan (67%)


Magenta (2%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.7010, -60.5927, 37.0766 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 84.7010, -60.5927, 37.0766 by changing the saturation by 10% instead.


 84.7010, -60.5927,
37.0766

 84.7010, -60.5927,
37.0766


216.0221,
-93.9695, 62.1873


 72.7673, -56.2872,
33.9104


 110.3153,
-68.7162, 43.0970


 61.4520, -51.7717,
30.6105


 123.9427,
-72.5816, 45.9826

 50.7929, -46.9993,
27.1489


 138.0891,
-76.3411, 48.8018

 40.8332, -41.9041,
23.4895

 152.7363,
-80.0089, 51.5642

 31.6259, -36.3930,
19.5893

167.8675,
-83.5966, 54.2778

 23.2385, -30.3305,
15.9866

183.4678,

 15.7606, -25.1228,

-87.1141, 56.9492

11.0324

199.5236,
-90.5694, 59.5841

■ 9.3199, -16.3097,
6.5239

0.0000, NaN, NaN

■ 84.7010, -60.5927,
37.0766

■ 84.7010, -60.5927,
37.0766

■ 83.8862, -64.5149,
40.4165

■ 85.8018, -55.4655,
33.2721

■ 83.3298, -67.2826,
43.2591

■ 87.1981, -49.1260,
29.0445

■ 83.0003, -69.0137,
45.5855

■ 88.8994, -41.6123,
24.4469

■ 82.9252, -69.4215,
46.2118

■ 90.9080, -32.9942,
19.5379

■ 93.2216, -23.3655,
14.3787

■ 95.8338, -12.8346,
9.0293

■ 98.4145, -2.6806,
3.5990

Harmonies

Analogous

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



84.7027, -36.2366, 48.3224



84.7010, -60.5927, 37.0766



84.7027, -70.0048, 10.0983

Triad

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



84.7027, -60.5938, 37.0771



84.7027, -10.4150, -110.4455



84.7027, 79.4859, 31.2294

Complementary

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



84.7010, -60.5927, 37.0766



55.6489, 74.7357, -26.6161

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.



84.7027, 89.9895, -1.2707



84.7010, -60.5927, 37.0766



84.7027, 32.6724, -95.4985

Square

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



84.7027, -60.5938, 37.0771



84.7027, -44.7718, -84.4039



84.7027, 71.4632, -49.9274



84.7027, 45.0045, 46.2577

Rectangle

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



84.7010, -60.5927, 37.0766



84.7027, -68.1721, -18.4302



84.7027, 71.4632, -49.9274



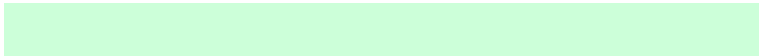
84.7027, 86.1890, 22.5781

Sweetspot

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



84.7027, -60.5938, 37.0771



94.5462, -27.1753, 16.4295



90.7994, -37.3446, 49.9524



43.4319, -13.8598, 8.2893

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.7027, -60.5938, 37.0771



85.5795, -67.0376, 42.3477



86.4753, -49.8344, 11.3862



44.0276, -7.2941, 4.8549



60.4104, -50.4553, 33.4108



18.4300, -15.0718, 9.4998

Inverse Universe

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



55.6489, 74.7357, -26.6161



52.7792, 86.8691, -28.2053



52.9018, 63.3266, 12.0543



41.7635, 2.9339, -0.1959



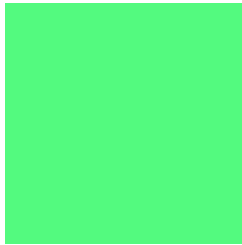
35.5584, 66.1355, -17.6474



10.9018, 20.4129, -6.4681

Previews

White Background



This preview shows how the HunterLab color 84.7010, -60.5927, 37.0766 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 84.7010, -60.5927, 37.0766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

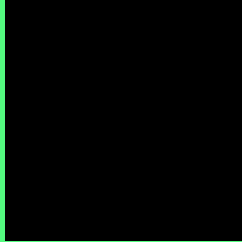
Any Text WCAG AA ✓ Pass

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 84.7010, -60.5927, 37.0766 Background



This preview shows how black text looks on a background with the HunterLab color 84.7010, -60.5927, 37.0766.



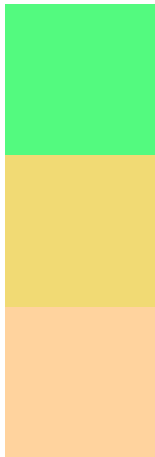
This preview shows how white text looks on a background with the HunterLab color 84.7010, -60.5927, 37.0766.

-60.5927, 37.0766.

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

84.7010, -60.5927, 37.0766

Protanopia

83.7285, -9.0190, 39.7349

Deuteranopia

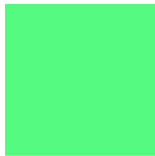
83.8553, 3.7623, 28.8656



Tritanopia

84.5115, -29.1636, -14.8082

Trichromacy



Original Color

84.7010, -60.5927, 37.0766



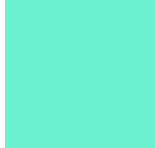
Protanomaly

82.5470, -33.1925, 37.5210



Deuteranomaly

81.9533, -25.9553, 30.0746



Tritanomaly

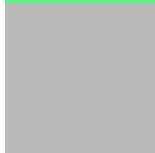
84.0552, -42.9874, 8.9493

Monochromacy



Original Color

84.7010, -60.5927, 37.0766



Achromatopsia

70.0729, -3.7389, 3.8072



Achromatomaly

73.9642, -28.1104, 16.5494

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.7010, -60.5927, 37.0766 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(83, 250, 127)` looks like.

```
.text, #text, p{  
    color:rgb(83, 250, 127)  
}
```

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(83, 250, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 250, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 84.7010, -60.5927, 37.0766 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(83, 250, 127) }
```


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

```
.border{ border-color:rgb(83, 250, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 250, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 250, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 250, 127);  
box-shadow:4px 4px 4px 4px rgb(83, 250,  
127) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.7010, -60.5927, 37.0766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 250, 127) }
```

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

```
.background{ background-color: rgb(83, 250,  
127) }
```

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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