

Converting Colors

HunterLab(86.8082, -60.2515,
42.5389)

Have a look what the booklet for
HunterLab(86.8082, -60.2515,
42.5389) contains.

HunterLab(86.7404, -60.2026, 42.5057)	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(86.7404,
-60.2026, 42.5057)**

Conversions

Conversions Part 1

Format	Color
Hex	6DFE6D
RGB	109, 254, 109
RGB Percent	43%, 100%, 43%
CMY	0.5725, 0.0039, 0.5725
CMYK	0.57, 0.00, 0.57, 0.00
HSL	120°, 99%, 71%
HSV	120°, 57%, 100%
XYZ	44.5088, 75.2390, 26.6447
YIQ	194.1150, -39.8750, -75.8350

Conversions

Conversions Part 2

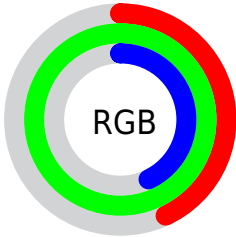
Format	Color
RYB	109, 254, 254
Decimal	7208557
CIELab	89.51, -66.49, 56.81
CIELCh	90, 87.452, 139.489
Yxy	75.2421, 0.3040, 0.5140
Android (android.graphics.Color)	4285398637 (0xFF6DFE6D)
YUV	194.1150, -41.9617, -74.6459
Hunter-Lab	86.7404, -60.2026, 42.5057

Details

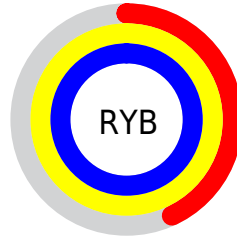
The HunterLab color $86.7404, -60.2026, 42.5057$ is a light color, and the websafe version is hex $66FF66$. A complement of this color would be $62.5819, 73.6911, -48.9818$, and the grayscale version is $73.6838, -3.9316, 4.0034$.

A 20% lighter version of the original color is $91.0265, -43.0985, 32.4590$, and $63.2631, -51.6238, 34.8078$ is the 20% darker color. If you saturate the color by 10%, you get $85.6662, -65.2177, 45.8964$, and if you desaturate by 10%, it is $88.1593, -53.7091, 38.1150$.

Distribution



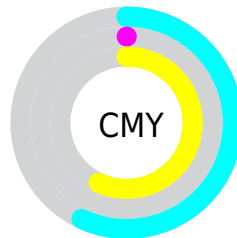
- Red (43%)
- Green (100%)
- Blue (43%)



- Red (43%)
- Yellow (100%)
- Blue (100%)



- Cyan (57%)
- Magenta (0%)
- Yellow (57%)
- Black (0%)





- Cyan (57%)
- Magenta (0%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.7404, -60.2026, 42.5057 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 86.7404, -60.2026, 42.5057 by changing the saturation by 10% instead.


 86.7404, -60.2026,
42.5057


 86.7404, -60.2026,
42.5057


218.8034,
-92.8031, 71.9659

 74.7069, -56.0183,
38.7414


 112.5411,
-68.1136, 49.6384


 63.2864, -51.6367,
34.8126


 126.2560,
-71.8839, 53.0429

 52.5155, -47.0146,
30.6904


 140.4868,
-75.5544, 56.3592

 42.4363, -42.0911,
26.3419

 155.2154,
-79.1383, 59.5989

 33.0999, -36.7806,
21.7540

170.4256,
-82.6467, 62.7718

 24.5708, -30.9581,
17.1996

186.1024,

 16.9344, -25.1090,

-86.0886, 65.8861

11.8541

202.2325,
-89.4719, 68.9488

■ 10.3106, -18.0435,
7.2174

0.0000, NaN, NaN

■ 86.7404, -60.2026,
42.5057

■ 86.7404, -60.2026,
42.5057

■ 85.6662, -65.2177,
45.8964

■ 88.1593, -53.7091,
38.1150

■ 84.9116, -68.7777,
48.3039

■ 89.9283, -45.7649,
32.7445

■ 84.4484, -70.9810,
49.7939

■ 92.0530, -36.4508,
26.4489

■ 84.2322, -72.0147,
50.4931

■ 94.5305, -25.8812,
19.3060

■ 84.1942, -72.1965,
50.6160

■ 97.3532, -14.1929,
11.4085

99.6828, -4.8079,
5.0685

Harmonies

Analogous

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



86.7422, -31.1799, 51.5647



86.7404, -60.2026, 42.5057



86.7422, -73.3201, 18.1999

Triad

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



86.7422, -60.2039, 42.5062



86.7422, -19.5833, -118.1348



86.7422, 90.7880, 27.5760

Complementary

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



86.7404, -60.2026, 42.5057



62.5819, 73.6911, -48.9818

Split Complementary

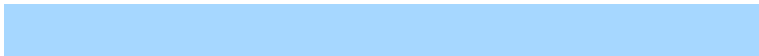
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.7422, 95.6200, -11.3407



86.7404, -60.2026, 42.5057



86.7422, 25.5485, -111.1312

Square

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



86.7422, -60.2039, 42.5062



86.7422, -53.1807, -81.8588



86.7422, 69.8122, -65.8300



86.7422, 57.6929, 46.4157

Rectangle

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



86.7404, -60.2026, 42.5057



86.7422, -73.4927, -9.6766



86.7422, 69.8122, -65.8300



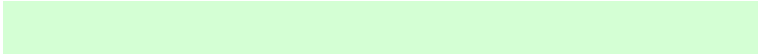
86.7422, 95.9917, 17.0092

Sweetspot

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



86.7422, -60.2039, 42.5062



94.9742, -25.9028, 19.3287



96.4689, -22.4988, 50.1576



43.6948, -13.0156, 9.6395

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.7422, -60.2039, 42.5062



85.8777, -66.3091, 46.6424



88.0311, -52.3814, 23.7016



44.9090, -7.9537, 6.2192



61.1316, -52.4203, 36.7512



19.0753, -16.3570, 11.4676

Inverse Universe

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



62.5819, 73.6911, -48.9818



58.3771, 87.6895, -58.5766



59.4693, 60.2204, -6.1554



42.7790, 3.5516, -1.6431



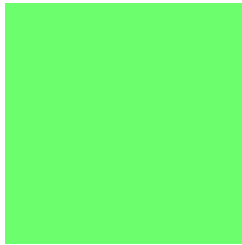
38.5762, 75.8417, -50.8766



12.0372, 23.6654, -15.8755

Previews

White Background



This preview shows how the HunterLab color 86.7404, -60.2026, 42.5057 looks on a white background.

Color Contrast Check

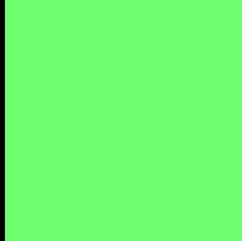
Large Text (above 18pt) WCAG AA × Fail

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 86.7404, -60.2026, 42.5057 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 86.7404, -60.2026, 42.5057 Background



This preview shows how black text looks on a background with the HunterLab color 86.7404, -60.2026, 42.5057.



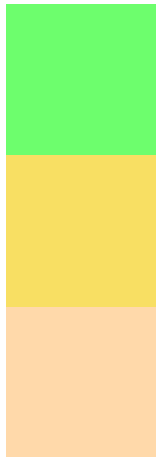
This preview shows how white text looks on a background with the HunterLab color 86.7404,

-60.2026, 42.5057.

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

86.7404, -60.2026, 42.5057

Protanopia

85.8095, -10.0633, 44.5430

Deuteranopia

85.8999, 2.0102, 26.7171



Tritanopia

86.2924, -24.2447, -12.2548

Trichromacy



Original Color

86.7404, -60.2026, 42.5057



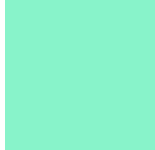
Protanomaly

84.6730, -32.4490, 42.6218



Deuteranomaly

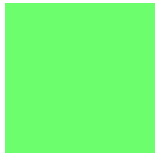
84.4324, -25.1395, 31.9127



Tritanomaly

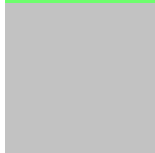
85.7903, -40.1399, 13.5439

Monochromacy



Original Color

86.7404, -60.2026, 42.5057



Achromatopsia

73.4493, -3.9191, 3.9906



Achromatomaly

77.1639, -28.0000, 20.4337

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.7404, -60.2026, 42.5057 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(109, 254, 109)` looks like.

```
.text, #text, p{  
    color:rgb(109, 254, 109)  
}
```

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(109, 254, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 254, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 86.7404, -60.2026, 42.5057 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(109, 254, 109) }
```


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

```
.border{ border-color:rgb(109, 254, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 254, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 254, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 254, 109);  
box-shadow:4px 4px 4px 4px rgb(109, 254,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.7404, -60.2026, 42.5057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 254, 109) }
```

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

```
.background{ background-color: rgb(109,  
254, 109) }
```

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