

Converting Colors

HunterLab(87.4220, -60.2679,
50.6898)

Have a look what the booklet for
HunterLab(87.4220, -60.2679,
50.6898) contains.

HunterLab(87.4220, -60.2679, 50.6899)	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(87.4220,
-60.2679, 50.6899)**

Conversions

Conversions Part 1

Format	Color
Hex	81FF33
RGB	129, 255, 51
RGB Percent	51%, 100%, 20%
CMY	0.4941, 0.0000, 0.8000
CMYK	0.49, 0.00, 0.80, 0.00
HSL	97°, 100%, 60%
HSV	97°, 80%, 100%
XYZ	45.4108, 76.4261, 15.4902
YIQ	194.0700, -9.6120, -90.1560

Conversions

Conversions Part 2

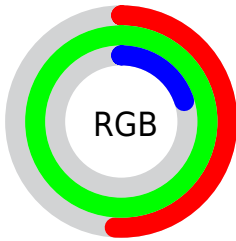
Format	Color
RYB	51, 255, 177
Decimal	8519475
CIELab	90.06, -66.26, 78.45
CIELCh	90, 102.686, 130.186
Yxy	76.4262, 0.3307, 0.5565
Android (android.graphics.Color)	4286709555 (0xFF81FF33)
YUV	194.0700, -70.5335, -57.0664
Hunter-Lab	87.4220, -60.2679, 50.6899

Details

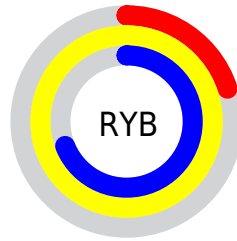
The HunterLab color **87.4220, -60.2679, 50.6899** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **43.5162, 77.1261, -100.7365**, and the grayscale version is **73.7718, -3.9363, 4.0082**.

A 20% lighter version of the original color is **91.5485, -42.6707, 45.3547**, and **63.9723, -50.8706, 38.5289** is the 20% darker color. If you saturate the color by 10%, you get **86.6716, -63.5635, 51.6448**, and if you desaturate by 10%, it is **88.3437, -56.1710, 48.8022**.

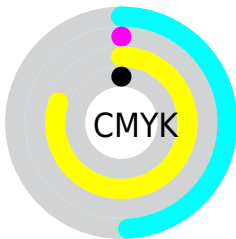
Distribution



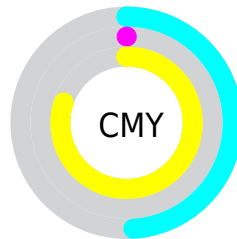
- Red (51%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (69%)



- Cyan (49%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)



- Cyan (49%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.4220, -60.2679, 50.6899 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 87.4220, -60.2679, 50.6899 by changing the saturation by 10% instead.

■ 87.4220, -60.2679,
50.6899

■ 87.4220, -60.2679,
50.6899

219.7283,
-92.7296, 89.5724

■ 75.3539, -56.1050,
45.6549

■ 113.2825,
-68.1381, 60.2114

■ 63.8986, -51.7494,
40.4110

■ 127.0263,
-71.8914, 64.7390

■ 53.0910, -47.1571,
34.9409

■ 141.2850,
-75.5460, 69.1339

■ 42.9724, -42.2686,
29.3227

■ 156.0405,
-79.1153, 73.4109

■ 33.5936, -37.0003,
23.5155

■ 171.2767,
-82.6099, 77.5829

■ 25.0181, -31.2302,
17.5127

186.9788,

■ 17.3299, -25.2503,

-86.0389, 81.6608

12.1309

203.1335,
-89.4100, 85.6545

■ 10.6462, -18.6309,
7.4524

■ 0.7934, -1.3884,
0.5554

■ 87.4220, -60.2679,
50.6899

■ 87.4220, -60.2679,
50.6899

■ 86.6716, -63.5635,
51.6448

■ 88.3437, -56.1710,
48.8022

■ 86.0749, -66.1390,
51.8809

■ 89.4454, -51.2473,
45.8847

■ 86.0747, -66.1398,
51.8809

■ 90.7332, -45.4946,
41.8785

■ 92.2101, -38.9297,
36.7577

■ 93.8771, -31.5841,
30.5227

■ 95.7331, -23.5010,
23.1953

■ 97.7756, -14.7317,
14.8139

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.



87.4221, -21.6525, 56.1452



87.4220, -60.2679, 50.6899



87.4221, -80.2299, 31.2415

Triad

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



87.4221, -60.2677, 50.6892



87.4221, -36.0344, -140.2735



87.4221, 117.0569, 19.9587

Complementary

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



87.4220, -60.2679, 50.6899



43.5162, 77.1261, -100.7365

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.



87.4221, 110.6350, -33.9936



87.4220, -60.2679, 50.6899



87.4221, 13.7183, -150.0751

Square

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



87.4221, -60.2677, 50.6892



87.4221, -68.6723, -81.5111



87.4221, 69.6257, -103.4949



87.4221, 85.5398, 46.5643

Rectangle

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



87.4220, -60.2679, 50.6899



87.4221, -83.8483, 4.4488



87.4221, 69.6257, -103.4949



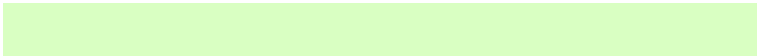
87.4221, 119.4120, 5.0673

Sweetspot

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



87.4221, -60.2677, 50.6892



94.9675, -26.8225, 26.2578



72.7089, 13.9736, 42.4927



43.6328, -13.7328, 13.3422

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.4221, -60.2677, 50.6892



86.2978, -65.1800, 51.8340



85.2815, -68.8917, 46.7401



45.2842, -6.6082, 6.6506



62.2831, -47.5436, 37.5462



19.5894, -14.1898, 11.8225

Inverse Universe

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



43.5162, 77.1261, -100.7365



38.8083, 83.5977, -119.1616



54.2304, 92.3065, -47.7852



42.3477, 2.1031, -2.2202



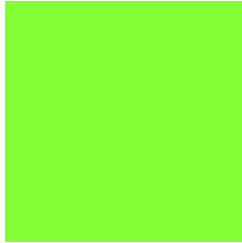
27.6284, 60.9689, -87.9938



8.9780, 19.4664, -25.9133

Previews

White Background



This preview shows how the HunterLab color 87.4220, -60.2679, 50.6899 looks on a white background.

Color Contrast Check

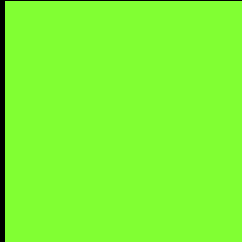
Large Text (above 18pt) WCAG AA × Fail

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 87.4220, -60.2679, 50.6899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

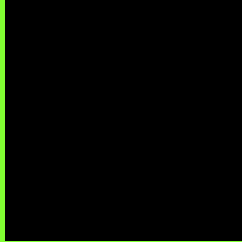
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

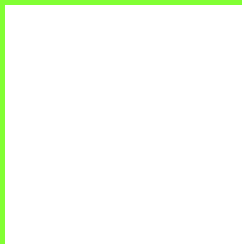
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.4220, -60.2679, 50.6899 Background



This preview shows how black text looks on a background with the HunterLab color 87.4220, -60.2679, 50.6899.



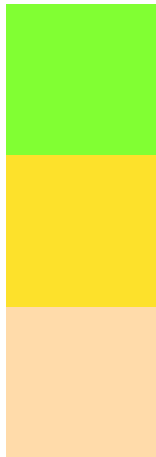
This preview shows how white text looks on a background with the HunterLab color 87.4220,

-60.2679, 50.6899.

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

87.4220, -60.2679, 50.6899

Protanopia

86.5491, -11.4865, 51.5644

Deuteranopia

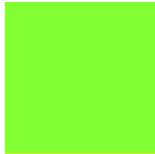
86.5016, 0.9679, 27.2522



Tritanopia

87.1179, -21.2008, -11.0768

Trichromacy



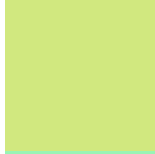
Original Color

87.4220, -60.2679, 50.6899



Protanomaly

85.7893, -32.5708, 50.5064



Deuteranomaly

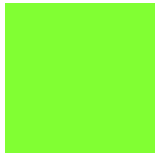
85.3234, -25.9235, 38.1697



Tritanomaly

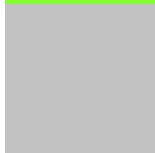
86.4927, -40.2742, 22.6243

Monochromacy



Original Color

87.4220, -60.2679, 50.6899



Achromatopsia

73.4493, -3.9191, 3.9906



Achromatomaly

77.2080, -28.7282, 27.4202

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.4220, -60.2679, 50.6899 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(129, 255, 51)` looks like.

```
.text, #text, p{  
    color:rgb(129, 255, 51)  
}
```

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(129, 255, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 255, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 87.4220, -60.2679, 50.6899 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(129, 255, 51) }
```


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

```
.border{ border-color:rgb(129, 255, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 255, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 255, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 255, 51);  
box-shadow:4px 4px 4px 4px rgb(129, 255,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.4220, -60.2679, 50.6899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 255, 51) }
```

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

```
.background{ background-color: rgb(129,  
255, 51) }
```

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