

Converting Colors

HunterLab(87.1186, -61.5188,
50.4736)

Have a look what the booklet for
HunterLab(87.1186, -61.5188,
50.4736) contains.

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Color

**HunterLab(87.1186,
-61.5188, 50.4736)**

Conversions

Conversions Part 1

Format	Color
Hex	7AFF33
RGB	122, 255, 51
RGB Percent	48%, 100%, 20%
CMY	0.5216, 0.0000, 0.8000
CMYK	0.52, 0.00, 0.80, 0.00
HSL	99°, 100%, 60%
HSV	99°, 80%, 100%
XYZ	44.3835, 75.8965, 15.4422
YIQ	191.9770, -13.7840, -91.6400

Conversions

Conversions Part 2

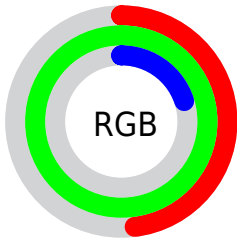
Format	Color
RYB	51, 255, 184
Decimal	8060723
CIELab	89.81, -68.17, 78.13
CIELCh	90, 103.692, 131.106
Yxy	75.8966, 0.3270, 0.5592
Android (android.graphics.Color)	4286250803 (0xFF7AFF33)
YUV	191.9770, -69.5017, -61.3698
Hunter-Lab	87.1186, -61.5188, 50.4736

Details

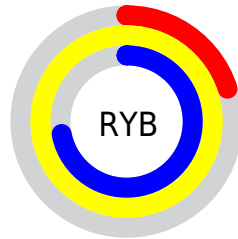
The HunterLab color **87.1186, -61.5188, 50.4736** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **44.4748, 78.7113, -97.3399**, and the grayscale version is **72.8823, -3.8888, 3.9598**.

A 20% lighter version of the original color is **91.1313, -44.2981, 45.0219**, and **63.7265, -51.9107, 38.3592** is the 20% darker color. If you saturate the color by 10%, you get **86.3819, -64.7705, 51.4430**, and if you desaturate by 10%, it is **88.0373, -57.4175, 48.5754**.

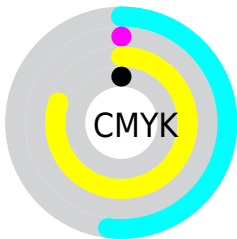
Distribution



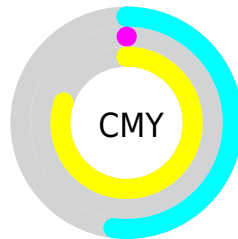
- Red (48%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (72%)



- Cyan (52%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)





- Cyan (52%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.1186, -61.5188, 50.4736 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 87.1186, -61.5188, 50.4736 by changing the saturation by 10% instead.


 87.1186, -61.5188,
50.4736

 87.1186, -61.5188,
50.4736


219.3157,
-94.7902, 89.2430

 75.0651, -57.2402,
45.4519


 112.9517,
-69.5999, 59.9686


 63.6253, -52.7603,
40.2212


 126.6826,
-73.4502, 64.4830

 52.8341, -48.0334,
34.7640


 140.9289,
-77.1973, 68.8651

 42.7331, -42.9976,
29.1614

 155.6724,
-80.8550, 73.1295

 33.3731, -37.5661,
23.3612

 170.8970,
-84.4343, 77.2891

 24.8183, -31.6128,
17.3728

186.5878,

 17.1531, -25.6433,

-87.9449, 81.3549

12.0072

202.7315,
-91.3946, 85.3367

■ 10.4961, -18.3682,
7.3473

0.0000, NaN, NaN

■ 87.1186, -61.5188,
50.4736

■ 87.1186, -61.5188,
50.4736

■ 86.3819, -64.7705,
51.4430

■ 88.0373, -57.4175,
48.5754

■ 85.8088, -67.2571,
51.6973

■ 89.1476, -52.4403,
45.6524

■ 85.8086, -67.2580,
51.6974

■ 90.4557, -46.5860,
41.6477

■ 91.9650, -39.8741,
36.5383

■ 93.6762, -32.3405,
30.3281

■ 95.5882, -24.0334,
23.0428

■ 97.6979, -15.0098,
14.7249

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.



87.1187, -23.2335, 56.1181



87.1186, -61.5188, 50.4736



87.1187, -80.9875, 30.4315

Triad

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



87.1187, -61.5186, 50.4729



87.1187, -34.9538, -143.5283



87.1187, 117.9817, 21.2657

Complementary

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



87.1186, -61.5188, 50.4736



44.4748, 78.7113, -97.3399

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.



87.1187, 112.7144, -32.3788



87.1186, -61.5188, 50.4736



87.1187, 15.6281, -151.6048

Square

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



87.1187, -61.5186, 50.4729



87.1187, -68.3447, -84.8024



87.1187, 72.0263, -102.8832



87.1187, 85.0645, 47.1655

Rectangle

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



87.1186, -61.5188, 50.4736



87.1187, -84.2708, 2.8711



87.1187, 72.0263, -102.8832



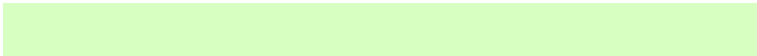
87.1187, 120.7874, 6.5725

Sweetspot

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



87.1187, -61.5186, 50.4729



94.7987, -27.4487, 26.0863



74.5758, 10.4620, 43.6455



43.5456, -14.0590, 13.2562

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.1187, -61.5186, 50.4729



86.0211, -66.3387, 51.6425



85.3389, -68.5342, 45.8938



45.2498, -6.7309, 6.6113



62.0874, -48.3651, 37.4112



19.5227, -14.4674, 11.7765

Inverse Universe

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



44.4748, 78.7113, -97.3399



39.9576, 85.0730, -114.2702



53.8815, 91.0049, -43.1196



42.3857, 2.2314, -2.1691



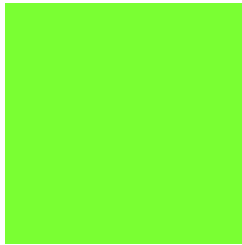
28.4773, 62.0156, -84.2900



9.2219, 19.7758, -24.9171

Previews

White Background



This preview shows how the HunterLab color 87.1186, -61.5188, 50.4736 looks on a white background.

Color Contrast Check

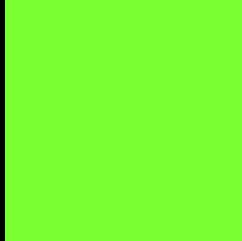
Large Text (above 18pt) WCAG AA × Fail

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 87.1186, -61.5188, 50.4736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

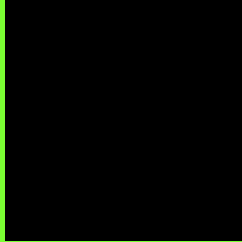
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

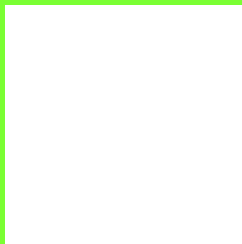
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.1186, -61.5188, 50.4736 Background



This preview shows how black text looks on a background with the HunterLab color 87.1186, -61.5188, 50.4736.



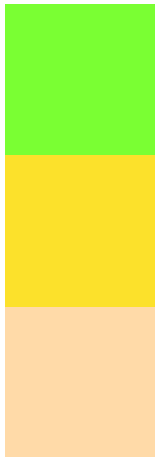
This preview shows how white text looks on a background with the HunterLab color 87.1186, -61.5188, 50.4736.

-61.5188, 50.4736.

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

87.1186, -61.5188, 50.4736

Protanopia

86.4409, -11.8717, 51.4890

Deuteranopia

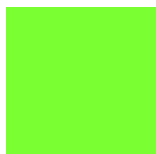
86.1568, 1.2531, 27.6178



Tritanopia

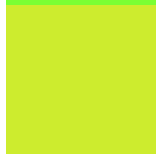
86.8133, -22.3205, -11.5101

Trichromacy



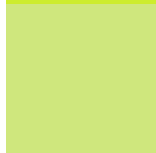
Original Color

87.1186, -61.5188, 50.4736



Protanomaly

85.5379, -33.5290, 50.3294



Deuteranomaly

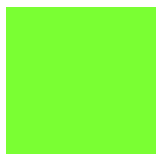
84.7926, -26.2688, 38.2224



Tritanomaly

86.1630, -41.5597, 22.2840

Monochromacy



Original Color

87.1186, -61.5188, 50.4736



Achromatopsia

72.6027, -3.8739, 3.9446



Achromatomaly

76.6417, -29.2134, 27.2206

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.1186, -61.5188, 50.4736 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(122, 255, 51)` looks like.

```
.text, #text, p{  
    color:rgb(122, 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(122, 255, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 255, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 87.1186, -61.5188, 50.4736 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(122, 255, 51) }
```


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

```
.border{ border-color:rgb(122, 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(122, 255, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 255, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 255, 51);  
box-shadow:4px 4px 4px 4px rgb(122, 255,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.1186, -61.5188, 50.4736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 255, 51) }
```

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

```
.background{ background-color: rgb(122,  
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](#).

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