

Converting Colors

HunterLab(83.6547, -50.7219,
28.8860)

Have a look what the booklet for
HunterLab(83.6547, -50.7219,
28.8860) contains.

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Color

**HunterLab(83.6730,
-50.8071, 29.0065)**

Conversions

Conversions Part 1

Format	Color
Hex	72F39A
RGB	114, 243, 154
RGB Percent	45%, 95%, 60%
CMY	0.5529, 0.0470, 0.3961
CMYK	0.53, 0.00, 0.37, 0.05
HSL	139°, 84%, 70%
HSV	139°, 53%, 95%
XYZ	44.8228, 70.0117, 41.7230
YIQ	194.2830, -48.3150, -55.0270

Conversions

Conversions Part 2

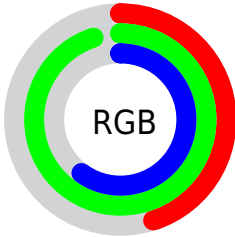
Format	Color
RYB	114, 212, 243
Decimal	7533466
CIELab	87.00, -54.79, 32.32
CIELCh	87, 63.616, 149.462
Yxy	70.0146, 0.2863, 0.4472
Android (android.graphics.Color)	4285723546 (0xFF72F39A)
YUV	194.2830, -19.8595, -70.4082
Hunter-Lab	83.6730, -50.8071, 29.0065

Details

The HunterLab color **83.6730, -50.8071, 29.0065** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **59.5001, 57.1584, -18.6386**, and the grayscale version is **73.6669, -3.9307, 4.0025**.

A 20% lighter version of the original color is **92.1996, -36.4720, 17.3840**, and **60.5851, -43.6333, 24.2667** is the 20% darker color. If you saturate the color by 10%, you get **82.5079, -56.1819, 32.7863**, and if you desaturate by 10%, it is **85.1260, -44.3108, 24.9245**.

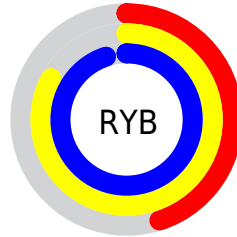
Distribution



Red (45%)

Green (95%)

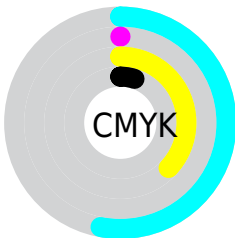
Blue (60%)



Red (45%)

Yellow (83%)

Blue (95%)

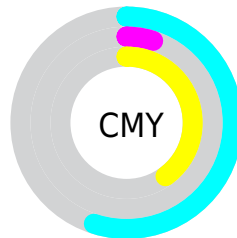


Cyan (53%)

Magenta (0%)

Yellow (37%)

Black (5%)



Cyan (55%)


Magenta (5%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.6730, -50.8071, 29.0065 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 83.6730, -50.8071, 29.0065 by changing the saturation by 10% instead.


 83.6730, -50.8071,
29.0065


 83.6730, -50.8071,
29.0065


214.6162,
-78.7732, 48.2619


 71.7903, -47.2614,
26.6647


 109.1923,
-57.5359, 33.5124

 60.5287, -43.5570,
24.2420


 122.7751,
-60.7553, 35.6970

 49.9267, -39.6568,
21.7180


 136.8785,
-63.8975, 37.8472

 40.0281, -35.5077,
19.0635

151.4842,
-66.9735, 39.9690

 30.8870, -31.0330,
16.2381

166.5753,
-69.9922, 42.0676

 22.5723, -26.1165,
13.1857


182.1366,

 15.1762, -21.2462,


-72.9610, 44.1470


10.6233


198.1545,
-75.8863, 46.2108


 8.8056, -15.4098,
6.1639


0.0000, NaN, NaN


 83.6730, -50.8071,
29.0065


 83.6730, -50.8071,
29.0065


 82.5079, -56.1819,
32.7863


 85.1260, -44.3108,
24.9245


 81.6143, -60.4201,
36.2145


 86.8673, -36.7364,
20.5908


 80.9758, -63.5539,
39.2522


 88.8991, -28.1588,
16.0608


 80.5657, -65.6659,
41.8683

 91.2177, -18.6707,
11.3887

 80.3845, -66.6523,
43.4095

 93.8163, -8.3755,
6.6252

 96.2070, 0.9906,
1.2054

 96.2205, 1.0638,
1.0130

Harmonies

Analogous

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



83.6747, -32.4176, 40.9723



83.6730, -50.8071, 29.0065



83.6747, -57.1639, 5.0977

Triad

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



83.6747, -50.8082, 29.0072



83.6747, -5.0412, -76.7667



83.6747, 55.5663, 28.3711

Complementary

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



83.6730, -50.8071, 29.0065



59.5001, 57.1584, -18.6386

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.



83.6747, 65.7113, 4.0079



83.6730, -50.8071, 29.0065



83.6747, 27.7097, -63.3902

Square

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



83.6747, -50.8082, 29.0072



83.6747, -33.2727, -62.4547



83.6747, 54.8424, -30.6348



83.6747, 28.8491, 40.7130

Rectangle

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



83.6730, -50.8071, 29.0065



83.6747, -54.5823, -17.1866



83.6747, 54.8424, -30.6348



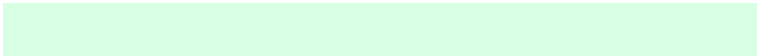
83.6747, 61.1899, 21.6792

Sweetspot

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



83.6747, -50.8082, 29.0072



95.5950, -22.7762, 13.5000



88.4303, -33.4903, 43.2300



43.9899, -11.5034, 6.7183

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.6747, -50.8082, 29.0072



87.0346, -59.8831, 35.0400



85.2653, -41.3118, 6.0728



43.0774, -7.0401, 4.5282



59.5682, -49.2659, 31.8959



17.7098, -14.2934, 8.7198

Inverse Universe

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



59.5001, 57.1584, -18.6386



57.6700, 72.3974, -22.1842



57.4267, 47.7708, 10.6851



40.8359, 2.7686, 0.0519



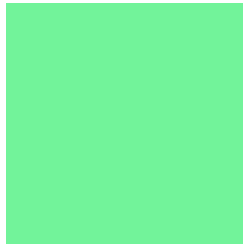
34.6810, 63.9187, -12.6778



10.3708, 19.2681, -4.9872

Previews

White Background



This preview shows how the HunterLab color 83.6730, -50.8071, 29.0065 looks on a white background.

Color Contrast Check

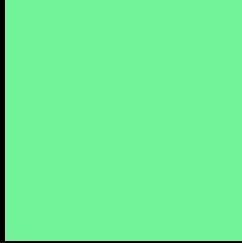
Large Text (above 18pt) WCAG AA × Fail

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 83.6730, -50.8071, 29.0065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

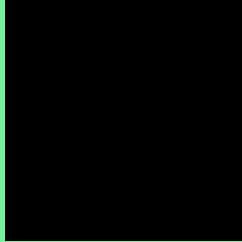
Any Text WCAG AA ✓ Pass

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 83.6730, -50.8071, 29.0065 Background



This preview shows how black text looks on a background with the HunterLab color 83.6730, -50.8071, 29.0065.



This preview shows how white text looks on a background with the HunterLab color 83.6730,

-50.8071, 29.0065.

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

83.6730, -50.8071, 29.0065

Protanopia

82.9199, -7.8232, 32.3768

Deuteranopia

82.7613, 6.3047, 26.6193



Tritanopia

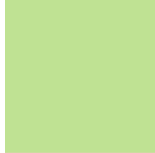
83.3924, -25.0450, -13.3549

Trichromacy



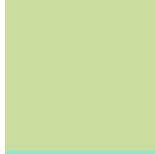
Original Color

83.6730, -50.8071, 29.0065



Protanomaly

82.2044, -26.7127, 30.2771



Deuteranomaly

81.5641, -18.5351, 26.0915



Tritanomaly

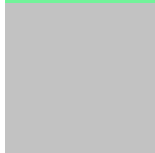
83.1076, -35.5131, 4.7236

Monochromacy



Original Color

83.6730, -50.8071, 29.0065



Achromatopsia

73.4493, -3.9191, 3.9906



Achromatomaly

76.3813, -23.3692, 13.5518

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.6730, -50.8071, 29.0065 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(114, 243, 154)` looks like.

```
.text, #text, p{  
    color:rgb(114, 243, 154)  
}
```

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(114, 243, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 243, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 83.6730, -50.8071, 29.0065 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(114, 243, 154) }
```


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

```
.border{ border-color:rgb(114, 243, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 243, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 243, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 243, 154); box-shadow:4px 4px 4px 4px rgb(114, 243, 154) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.6730, -50.8071, 29.0065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 243, 154) }
```

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

```
.background{ background-color: rgb(114,  
243, 154) }
```

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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