

Converting Colors

HunterLab(95.5048, -18.9082,
45.9473)

Have a look what the booklet for
HunterLab(95.5048, -18.9082,
45.9473) contains.

HunterLab(95.4933, -18.8416, 45.8330)	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(95.4933,
-18.8416, 45.8330)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFA80
RGB	255, 250, 128
RGB Percent	100%, 98%, 50%
CMY	0.0000, 0.0196, 0.4980
CMYK	0.00, 0.02, 0.50, 0.00
HSL	58°, 100%, 75%
HSV	58°, 50%, 100%
XYZ	79.3219, 91.1897, 33.8427
YIQ	237.5870, 42.1420, -36.8820

Conversions

Conversions Part 2

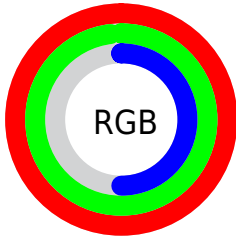
Format	Color
RYB	133, 255, 128
Decimal	16775808
CIELab	96.49, -14.12, 58.47
CIELCh	96, 60.149, 103.575
Yxy	91.1939, 0.3882, 0.4462
Android (android.graphics.Color)	4294965888 (0xFFFFFA80)
YUV	237.5870, -54.0264, 15.2712
Hunter-Lab	95.4933, -18.8416, 45.8330

Details

The HunterLab color **95.4933, -18.8416, 45.8330** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **53.4635, 24.4279, -71.5462**, and the grayscale version is **92.5029, -4.9357, 5.0259**.

A 20% lighter version of the original color is **98.0810, -15.9524, 33.0764**, and **71.2838, -16.3382, 38.2502** is the 20% darker color. If you saturate the color by 10%, you get **94.8595, -20.0944, 50.1613**, and if you desaturate by 10%, it is **96.2168, -17.1235, 40.2831**.

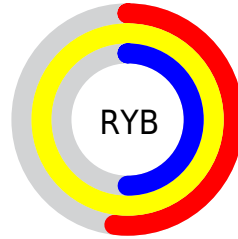
Distribution



Red (100%)

Green (98%)

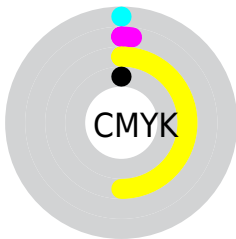
Blue (50%)



Red (52%)

Yellow (100%)

Blue (50%)

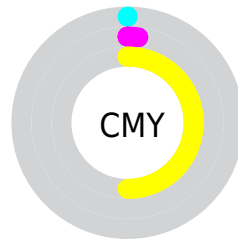


Cyan (0%)

Magenta (2%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 95.4933, -18.8416, 45.8330 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 95.4933, -18.8416, 45.8330 by changing the saturation by 10% instead.


 95.4933, -18.8416,
45.8330


 95.4933, -18.8416,
45.8330


230.6311,
-31.0005, 75.5300


 83.0490, -17.5173,
42.0727


 122.0638,
-21.5020, 52.9867

 71.1957, -16.1863,
38.1604


 136.1410,
-22.8362, 56.4117

 59.9672, -14.8472,
34.0707


 150.7212,
-24.1763, 59.7533

 49.4002, -13.4938,
29.7733

165.7877,
-25.5236, 63.0221

 39.5391, -12.1168,
25.2360

181.3252,
-26.8789, 66.2272

 30.4387, -10.7025,
20.7018

197.3200,

 22.1687, -9.2287,

-28.2431, 69.3759

15.5181

213.7591,
-29.6168, 72.4750

■ 14.8229, -7.6565,
10.3761

■ 8.4762, -7.7106,
5.9334

■ 95.4933, -18.8416,
45.8330

■ 95.4933, -18.8416,
45.8330

■ 94.8595, -20.0944,
50.1613

■ 96.2168, -17.1235,
40.2831

■ 94.3036, -20.8976,
53.3288

■ 97.0273, -14.9126,
33.4650

■ 93.8213, -21.2884,
55.4234

■ 97.9302, -12.2007,
25.3524

■ 93.4045, -21.3124,
56.5618

■ 98.9280, -8.9824,
15.9332

■ 93.0388, -21.0499,
56.9524

100.0000, -5.3359,
5.4331

■ 93.0318, -21.0436,
56.9574

Harmonies

Analogous

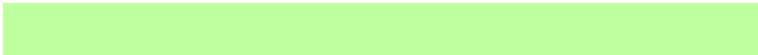
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.4955, 12.5537, 45.4715



95.4933, -18.8416, 45.8330



95.4955, -43.2096, 38.1148

Triad

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



95.4955, -18.8448, 45.8339



95.4955, -44.9747, -43.3926



95.4955, 59.8889, -12.4841

Complementary

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



95.4933, -18.8416, 45.8330



53.4635, 24.4279, -71.5462

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.



95.4955, 40.1164, -46.3913



95.4933, -18.8416, 45.8330



95.4955, -21.5586, -67.8073

Square

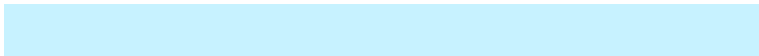
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.4955, -18.8448, 45.8339



95.4955, -56.9278, -9.2684



95.4955, 9.4679, -69.0541



95.4955, 60.8622, 17.7046

Rectangle

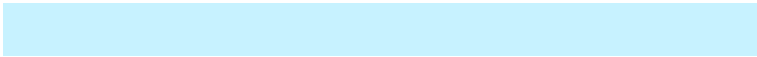
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.4933, -18.8416, 45.8330



95.4955, -53.3198, 27.3628



95.4955, 9.4679, -69.0541



95.4955, 55.1155, -24.0125

Sweetspot

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



95.4955, -18.8448, 45.8339



98.3977, -10.7185, 20.9921



61.9921, 44.9488, 17.2913



45.4271, -5.2666, 10.6146

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

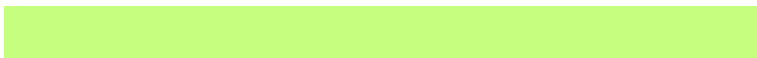
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.4955, -18.8448, 45.8339



94.8479, -20.1145, 50.2349



92.2301, -39.6560, 43.0084



45.7832, -4.1077, 7.2323



67.2890, -15.2715, 41.1958



21.0836, -4.8945, 12.9059

Inverse Universe

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



53.4635, 24.4279, -71.5462



45.5775, 33.3985, -94.4021



57.4390, 41.8547, -61.5298



41.8236, -0.3794, -2.9419



19.8389, 50.8759, -134.6233



6.4941, 14.6243, -39.6867

Previews

White Background



This preview shows how the HunterLab color 95.4933, -18.8416, 45.8330 looks on a white background.

Color Contrast Check

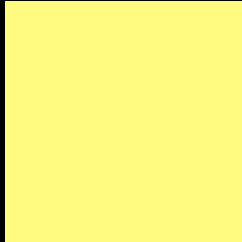
Large Text (above 18pt) WCAG AA × Fail

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 95.4933, -18.8416, 45.8330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

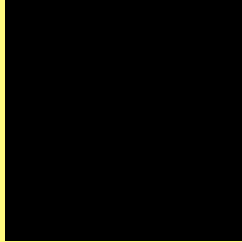
Any Text WCAG AA ✓ Pass

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 95.4933, -18.8416, 45.8330 Background



This preview shows how black text looks on a background with the HunterLab color 95.4933, -18.8416, 45.8330.



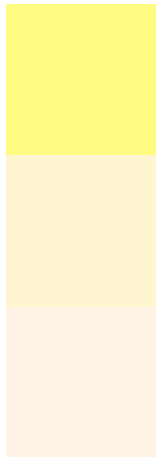
This preview shows how white text looks on a background with the HunterLab color 95.4933,

-18.8416, 45.8330.

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

95.4933, -18.8416, 45.8330

Protanopia

95.4562, -7.5821, 21.6218

Deuteranopia

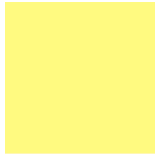
95.4329, -3.2079, 12.2387



Tritanopia

95.3992, 1.0638, 3.1034

Trichromacy



Original Color

95.4933, -18.8416, 45.8330



Protanomaly

95.4129, -12.3731, 32.0748



Deuteranomaly

95.4053, -10.1325, 27.2573



Tritanomaly

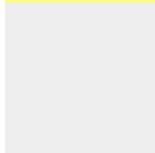
95.0627, -7.4866, 22.4231

Monochromacy



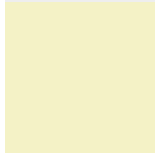
Original Color

95.4933, -18.8416, 45.8330



Achromatopsia

92.4658, -4.9337, 5.0238



Achromatomaly

93.1743, -11.2243, 23.2203

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 95.4933, -18.8416, 45.8330 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(255, 250, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 128)  
}
```

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(255, 250, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 95.4933, -18.8416, 45.8330 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(255, 250, 128) }
```


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

```
.border{ border-color:rgb(255, 250, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 95.4933, -18.8416, 45.8330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 128) }
```

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

```
.background{ background-color: rgb(255,  
250, 128) }
```

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