

# Converting Colors

HunterLab(82.3760, -51.7061,  
34.2423)

Have a look what the booklet for  
HunterLab(82.3760, -51.7061,  
34.2423) contains.

<b>HunterLab(82.3213, -51.5590, 34.1010)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(82.3213,  
-51.5590, 34.1010)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75F084
RGB	117, 240, 132
RGB Percent	46%, 94%, 52%
CMY	0.5412, 0.0588, 0.4823
CMYK	0.51, 0.00, 0.45, 0.06
HSL	127°, 80%, 70%
HSV	127°, 51%, 94%
XYZ	42.6610, 67.7680, 32.6618
YIQ	190.9110, -38.6400, -59.6640

# Conversions

## Conversions Part 2

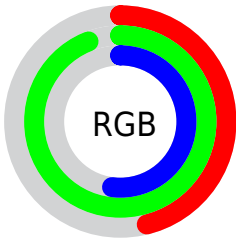
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">117, 227, 240</a>
Decimal	<a href="#">7729284</a>
CIELab	<a href="#">85.89, -56.36, 41.79</a>
CIELCh	<a href="#">86, 70.162, 143.442</a>
Yxy	<a href="#">67.7708, 0.2981, 0.4736</a>
Android (android.graphics.Color)	<a href="#">4285919364 (0xFF75F084)</a>
YUV	<a href="#">190.9110, -29.0431, -64.8199</a>
Hunter-Lab	<a href="#">82.3213, -51.5590, 34.1010</a>

# Details

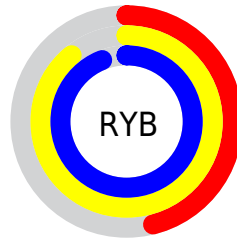
The HunterLab color **82.3213, -51.5590, 34.1010** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **60.5683, 58.7151, -31.3827**, and the grayscale version is **72.2743, -3.8564, 3.9268**.

A 20% lighter version of the original color is **91.8125, -39.1072, 25.8908**, and **59.3322, -44.1139, 28.2039** is the 20% darker color. If you saturate the color by 10%, you get **81.1148, -57.1381, 38.0046**, and if you desaturate by 10%, it is **83.8380, -44.7275, 29.5414**.

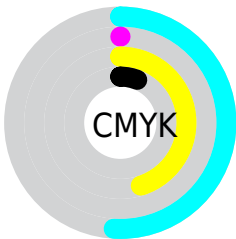
# Distribution



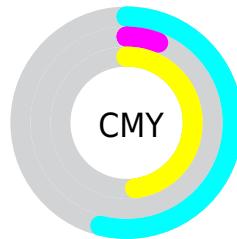
- Red (46%)
- Green (94%)
- Blue (52%)



- Red (46%)
- Yellow (89%)
- Blue (94%)



- Cyan (51%)
- Magenta (0%)
- Yellow (45%)
- Black (6%)



- Cyan (54%)
- Magenta (6%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.3213, -51.5590, 34.1010 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 82.3213, -51.5590, 34.1010 by changing the saturation by 10% instead.



■ 82.3213, -51.5590,  
34.1010

■ 82.3213, -51.5590,  
34.1010

212.7636,  
-80.2376, 57.3327

■ 70.5062, -47.9062,  
31.1908

■ 107.7145,  
-58.4789, 39.6441

■ 59.3161, -44.0844,  
28.1597

■ 121.2381,  
-61.7847, 42.3062

■ 48.7900, -40.0539,  
24.9801

■ 135.2847,  
-65.0085, 44.9109

■ 38.9728, -35.7575,  
21.6159

149.8353,  
-68.1617, 47.4669

■ 29.9199, -31.1128,  
18.0209

164.8731,  
-71.2540, 49.9816

■ 21.7023, -25.9942,  
14.6472

180.3829,

■ 14.4155, -21.5572,

-74.2932, 52.4608

10.0908

196.3507,  
-77.2858, 54.9098

■ 8.0762, -14.1333,  
5.6533

0.0000, NaN, NaN

■ 82.3213, -51.5590,  
34.1010

■ 82.3213, -51.5590,  
34.1010

■ 81.1148, -57.1381,  
38.0046

■ 83.8380, -44.7275,  
29.5414

■ 80.2021, -61.4440,  
41.2174


■ 85.6645, -36.6980,  
24.3753


■ 79.5661, -64.5102,  
43.7297

■ 87.8021, -27.5606,  
18.6676

■ 79.1791, -66.4272,  
45.5564

■ 90.2455, -17.4254,  
12.4903

 79.0018, -67.3371,  
46.6160

 92.9860, -6.4134,  
5.9178

 95.2905, 2.6769,  
-0.1008

# Harmonies

## Analogous

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



82.3230, -29.3695, 44.1095



82.3213, -51.5590, 34.1010



82.3230, -60.9007, 11.4267

# Triad

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



82.3230, -51.5603, 34.1016



82.3230, -11.9032, -87.1969



82.3230, 66.4565, 26.0010

# Complementary

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



82.3213, -51.5590, 34.1010



60.5683, 58.7151, -31.3827

# 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.



82.3230, 73.2148, -3.1280



82.3213, -51.5590, 34.1010



82.3230, 23.9604, -77.9599

# Square

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



82.3230, -51.5603, 34.1016



82.3230, -40.5938, -64.8300



82.3230, 56.5656, -43.1844



82.3230, 39.3876, 40.9750



# Rectangle

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



82.3213, -51.5590, 34.1010



82.3230, -59.9090, -11.7378



82.3230, 56.5656, -43.1844



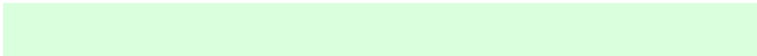
82.3230, 71.3463, 17.9515

# Sweetspot

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



82.3230, -51.5603, 34.1016



95.6431, -22.9087, 15.9480



89.2861, -25.0477, 43.4033



43.9923, -11.6629, 8.0267

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



82.3230, -51.5603, 34.1016



86.7877, -61.7066, 41.0720



83.6352, -43.6885, 15.0656



42.0568, -7.2009, 5.2625



58.4589, -49.7655, 34.3608



16.8910, -14.1671, 9.4704



# Inverse Universe

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



60.5683, 58.7151, -31.3827



59.8587, 75.9721, -40.1754



58.2535, 48.2408, 0.9197



39.9953, 3.0518, -0.8894



35.6673, 68.3161, -33.0357



10.3323, 19.8617, -10.1237



# Previews

## White Background



This preview shows how the HunterLab color 82.3213, -51.5590, 34.1010 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 82.3213, -51.5590, 34.1010 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

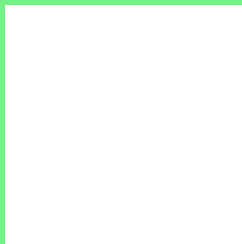
Any Text WCAG AAA ✓ Pass

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

## HunterLab 82.3213, -51.5590, 34.1010 Background



This preview shows how black text looks on a background with the HunterLab color 82.3213, -51.5590, 34.1010.



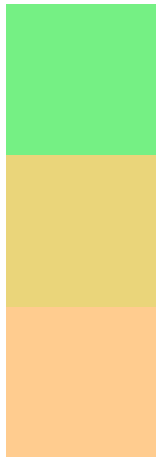
This preview shows how white text looks on a background with the HunterLab color 82.3213,

-51.5590, 34.1010.

# 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

82.3213, -51.5590, 34.1010

### Protanopia

81.5390, -8.6331, 36.7045

### Deuteranopia

81.5039, 5.8353, 31.4206



## Tritanopia

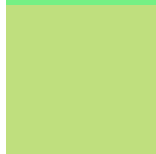
82.0795, -23.4243, -12.2341

# Trichromacy



## Original Color

82.3213, -51.5590, 34.1010



## Protanomaly

80.8443, -27.4605, 34.8591



## Deuteranomaly

80.2925, -19.0187, 31.1061



## Tritanomaly

81.9397, -35.3722, 8.5358

# Monochromacy



## Original Color

82.3213, -51.5590, 34.1010



## Achromatopsia

72.1800, -3.8513, 3.9217



## Achromatomaly

75.0971, -23.5884, 15.8362

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 82.3213, -51.5590, 34.1010 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(117, 240, 132)` looks like.

```
.text, #text, p{  
    color:rgb(117, 240, 132)  
}
```

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(117, 240, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 240, 132) }
```

## Border

The CSS property to change the border of an element to HunterLab 82.3213, -51.5590, 34.1010 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(117, 240, 132) }
```



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

```
.border{ border-color:rgb(117, 240, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 240, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 240, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 240, 132);  
box-shadow:4px 4px 4px 4px rgb(117, 240,  
132) }
```

# Background

The CSS property to change the background color of an element to HunterLab 82.3213, -51.5590, 34.1010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 240, 132) }
```

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

```
.background{ background-color: rgb(117,  
240, 132) }
```

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