

Converting Colors

HunterLab(83.2307, -62.8969,
45.2250)

Have a look what the booklet for
HunterLab(83.2307, -62.8969,
45.2250) contains.

HunterLab(83.1165, -62.7057, 45.1098)	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(83.1165,
-62.7057, 45.1098)**

Conversions

Conversions Part 1

Format	Color
Hex	57F74D
RGB	87, 247, 77
RGB Percent	34%, 97%, 30%
CMY	0.6588, 0.0314, 0.6980
CMYK	0.65, 0.00, 0.69, 0.03
HSL	116°, 91%, 64%
HSV	116°, 69%, 97%
XYZ	38.5307, 69.0835, 18.3248
YIQ	179.7800, -40.7900, -86.7900

Conversions

Conversions Part 2

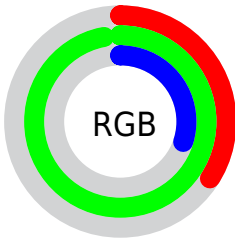
Format	Color
RYB	77, 247, 237
Decimal	5764941
CIELab	86.55, -71.96, 66.38
CIELCh	87, 97.899, 137.309
Yxy	69.0864, 0.3059, 0.5485
Android (android.graphics.Color)	4283955021 (0xFF57F74D)
YUV	179.7800, -50.6705, -81.3681
Hunter-Lab	83.1165, -62.7057, 45.1098

Details

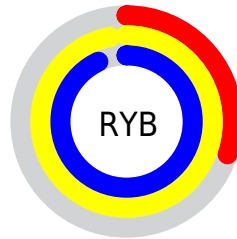
The HunterLab color **83.1165, -62.7057, 45.1098** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed green. A complement of this color would be **54.8000, 81.2051, -60.0203**, and the grayscale version is **67.6850, -3.6115, 3.6775**.

A 20% lighter version of the original color is **89.5049, -50.1586, 39.3339**, and **60.3284, -51.7316, 36.2684** is the 20% darker color. If you saturate the color by 10%, you get **82.3751, -66.1755, 47.2363**, and if you desaturate by 10%, it is **84.1479, -57.9383, 42.0340**.

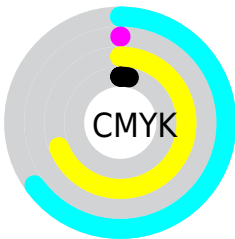
Distribution



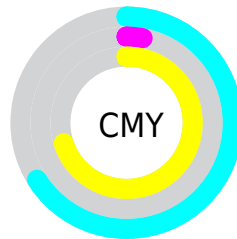
- Red (34%)
- Green (97%)
- Blue (30%)



- Red (30%)
- Yellow (97%)
- Blue (93%)



- Cyan (65%)
- Magenta (0%)
- Yellow (69%)
- Black (3%)





- Cyan (66%)
- Magenta (3%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.1165, -62.7057, 45.1098 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 83.1165, -62.7057, 45.1098 by changing the saturation by 10% instead.


 83.1165, -62.7057,
45.1098


 83.1165, -62.7057,
45.1098


213.8541,
-97.8485, 78.9999


 71.2616, -58.1406,
40.7205


 108.5841,
-71.2971, 53.3956

 60.0293, -53.3432,
36.1329


 122.1426,
-75.3757, 57.3334

 49.4585, -48.2616,
31.3206


 136.2227,
-79.3371, 61.1577

 39.5932, -42.8229,
26.2628

 150.8057,
-83.1970, 64.8824

 30.4883, -36.9246,
21.3418

 165.8749,
-86.9681, 68.5195

 22.2133, -30.4185,
15.5493

181.4151,

 14.8620, -26.0084,

-90.6613, 72.0792

10.4034

197.4124,
-94.2856, 75.5701

■ 8.5134, -14.8984,
5.9594

0.0000, NaN, NaN

■ 83.1165, -62.7057,
45.1098

■ 83.1165, -62.7057,
45.1098

■ 82.3751, -66.1755,
47.2363

■ 84.1479, -57.9383,
42.0340

■ 81.8948, -68.4199,
48.4878


■ 85.4799, -51.8496,
37.9781


■ 81.6408, -69.5965,
49.0277


■ 87.1232, -44.4689,
32.9508


■ 81.6222, -69.6838,
49.0753

■ 89.0807, -35.8628,
26.9917

 91.3502, -26.1272,
20.1640

 93.9255, -15.3767,
12.5469

 96.7968, -3.7351,
4.2285

 97.4701, -1.0792,
2.4929

Harmonies

Analogous

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



83.1182, -30.5206, 52.5631



83.1165, -62.7057, 45.1098



83.1182, -77.5209, 21.8209

Triad

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



83.1182, -62.7070, 45.1102



83.1182, -24.0391, -137.8615



83.1182, 105.2657, 26.9149

Complementary

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



83.1165, -62.7057, 45.1098



54.8000, 81.2051, -60.0203

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.



83.1182, 108.1445, -17.5363



83.1165, -62.7057, 45.1098



83.1182, 25.3159, -133.4849

Square

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



83.1182, -62.7070, 45.1102



83.1182, -58.9083, -91.2719



83.1182, 76.2518, -81.4420



83.1182, 69.1114, 46.9928

Rectangle

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



83.1165, -62.7057, 45.1098



83.1182, -78.4555, -7.6329



83.1182, 76.2518, -81.4420



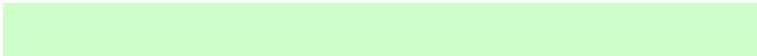
83.1182, 110.4106, 15.0839

Sweetspot

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



83.1182, -62.7070, 45.1102



94.1702, -29.4176, 22.5464



89.5057, -17.8325, 50.1891



43.2605, -14.9222, 11.3527

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.1182, -62.7070, 45.1102



85.1656, -69.7684, 49.6426



83.8606, -57.6079, 30.0648



43.0331, -7.3959, 5.9996



59.3732, -50.6062, 35.6996



17.6474, -14.8086, 10.6150

Inverse Universe

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



54.8000, 81.2051, -60.0203



52.8670, 95.6694, -71.8507



53.0224, 70.7865, -10.4892



40.8849, 3.1598, -1.6414



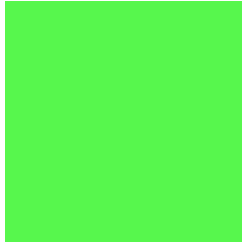
35.6221, 70.9737, -54.2659



10.6305, 21.1414, -15.8920

Previews

White Background



This preview shows how the HunterLab color 83.1165, -62.7057, 45.1098 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 83.1165, -62.7057, 45.1098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

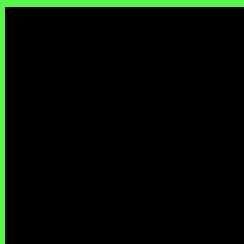
Any Text WCAG AA ✓ Pass

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 83.1165, -62.7057, 45.1098 Background



This preview shows how black text looks on a background with the HunterLab color 83.1165, -62.7057, 45.1098.



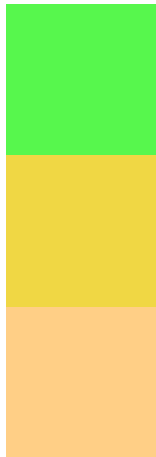
This preview shows how white text looks on a background with the HunterLab color 83.1165, -62.7057, 45.1098.

-62.7057, 45.1098.

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

83.1165, -62.7057, 45.1098

Protanopia

82.1849, -10.7296, 46.5087

Deuteranopia

82.2234, 3.4184, 34.4620



Tritanopia

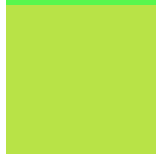
82.8604, -27.1092, -13.5449

Trichromacy



Original Color

83.1165, -62.7057, 45.1098



Protanomaly

80.9836, -35.0987, 44.9229



Deuteranomaly

80.5631, -27.2115, 37.6687



Tritanomaly

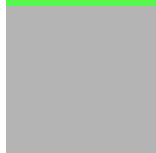
82.2745, -43.9926, 16.4503

Monochromacy



Original Color

83.1165, -62.7057, 45.1098



Achromatopsia

67.5582, -3.6047, 3.6706



Achromatomaly

71.6100, -29.5869, 22.0920

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.1165, -62.7057, 45.1098 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(87, 247, 77)` looks like.

```
.text, #text, p{  
    color:rgb(87, 247, 77)  
}
```

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(87, 247, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 247, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 83.1165, -62.7057, 45.1098 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(87, 247, 77) }
```


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

```
.border{ border-color:rgb(87, 247, 77) }
```

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

Here you see how a box with a 4 pixel rgb(87, 247, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 247, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 247, 77);  
box-shadow:4px 4px 4px 4px rgb(87, 247,  
77) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.1165, -62.7057, 45.1098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 247, 77) }
```

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

```
.background{ background-color: rgb(87, 247,  
77) }
```

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