

Converting Colors

HunterLab(85.1785, -45.5849,
50.5262)

Have a look what the booklet for
HunterLab(85.1785, -45.5849,
50.5262) contains.

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Color

**HunterLab(85.1563,
-45.6747, 50.5112)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ADF224 |
| RGB | 173, 242, 36 |
| RGB Percent | 68%, 95%, 14% |
| CMY | 0.3216, 0.0510, 0.8588 |
| CMYK | 0.29, 0.00, 0.85, 0.05 |
| HSL | 80°, 89%, 55% |
| HSV | 80°, 85%, 95% |
| XYZ | 49.3042, 72.5160, 13.0675 |
| YIQ | 197.8850, 25.0020, -78.6940 |

Conversions

Conversions Part 2

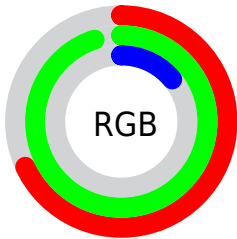
| Format | Color |
|-------------------------------------|--|
| RYB | 36, 242, 105 |
| Decimal | 11399716 |
| CIELab | 88.22, -47.46, 81.03 |
| CIELCh | 88, 93.908, 120.360 |
| Yxy | 72.5192, 0.3655, 0.5376 |
| Android (android.graphics.Color) | 4289589796 (0xFFADF224) |
| YUV | 197.8850, -79.8093, -21.8241 |
| Hunter-Lab | 85.1563, -45.6747, 50.5112 |

Details

The HunterLab color **85.1563, -45.6747, 50.5112** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **32.6773, 65.6501, -131.1411**, and the grayscale version is **75.4215, -4.0243, 4.0978**.

A 20% lighter version of the original color is **94.7856, -30.5427, 49.6795**, and **61.8671, -38.1900, 37.4536** is the 20% darker color. If you saturate the color by 10%, you get **84.5703, -48.1345, 51.0295**, and if you desaturate by 10%, it is **85.8328, -42.7821, 49.1673**.

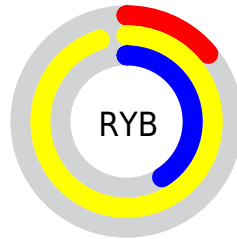
Distribution



Red (68%)

Green (95%)

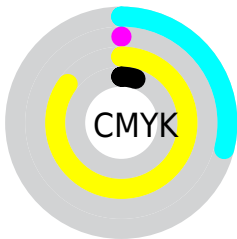
Blue (14%)



Red (14%)

Yellow (95%)

Blue (41%)

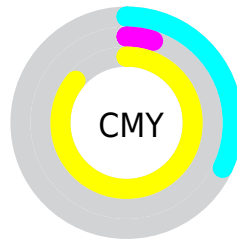


Cyan (29%)

Magenta (0%)

Yellow (85%)

Black (5%)



Cyan (32%)


Magenta (5%)


Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.1563, -45.6747, 50.5112 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 85.1563, -45.6747, 50.5112 by changing the saturation by 10% instead.


 85.1563, -45.6747,
50.5112


 85.1563, -45.6747,
50.5112


216.6441,
-70.6122, 90.7356

 73.2003, -42.5631,
45.2912


 110.8126,
-51.6158, 60.3827


 61.8614, -39.3245,
39.8555


 124.4597,
-54.4722, 65.0724


 51.1771, -35.9302,
34.1940


 138.6250,
-57.2687, 69.6218

 41.1905, -32.3375,
28.6216

 153.2905,
-60.0141, 74.0460

 31.9541, -28.4841,
22.3679

 168.4394,
-62.7155, 78.3586

 23.5348, -24.2756,
16.4743


184.0569,

 16.0211, -19.5888,


-65.3791, 82.5711


11.2148


200.1293,
-68.0099, 86.6938


 9.5393, -16.6938,
6.6775


0.0000, NaN, NaN


 85.1563, -45.6747,
50.5112


 85.1563, -45.6747,
50.5112


 84.5703, -48.1345,
51.0295

 85.8328, -42.7821,
49.1673

 84.3077, -49.2164,
51.0884

 86.6027, -39.4092,
46.8736

 87.4740, -35.5337,
43.5461

 88.4511, -31.1433,
39.1283

■ 89.5369, -26.2353,
33.5857

■ 90.7335, -20.8149,
26.9027

■ 92.0418, -14.8935,
19.0794

■ 93.4620, -8.4878,
10.1295

■ 94.9935, -1.6186,
0.0778

Harmonies

Analogous

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



85.1582, -5.1172, 53.6296



85.1563, -45.6747, 50.5112



85.1582, -69.8590, 37.1941

Triad

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



85.1582, -45.6768, 50.5116



85.1582, -44.8858, -109.4621



85.1582, 106.3197, 5.1754

Complementary

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



85.1563, -45.6747, 50.5112



32.6773, 65.6501, -131.1411

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.



85.1582, 89.3803, -49.9581



85.1563, -45.6747, 50.5112



85.1582, -3.9781, -134.4489

Square

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



85.1582, -45.6768, 50.5116



85.1582, -69.4770, -51.4510



85.1582, 46.2578, -108.3189



85.1582, 88.5859, 37.7062

Rectangle

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



85.1563, -45.6747, 50.5112



85.1582, -76.7323, 17.8427



85.1582, 46.2578, -108.3189



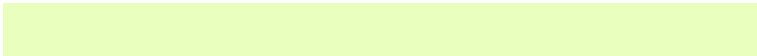
85.1582, 104.4567, -11.0982

Sweetspot

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



85.1582, -45.6768, 50.5116



96.1610, -22.6608, 29.2782



53.8917, 44.6601, 32.1523



44.2800, -11.4284, 14.7302

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.1582, -45.6768, 50.5116



89.4533, -52.2883, 54.2053



80.5915, -64.3493, 47.3049



42.6362, -5.2056, 6.5044



61.8543, -35.8196, 37.4873



17.9919, -9.7283, 10.9162

Inverse Universe

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



32.6773, 65.6501, -131.1411



30.2839, 75.7024, -165.2374



45.8653, 85.4489, -78.8399



39.3522, 0.9702, -2.4346



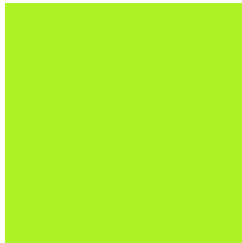
21.1001, 52.4559, -112.8867



6.5029, 15.5421, -29.9498

Previews

White Background



This preview shows how the HunterLab color 85.1563, -45.6747, 50.5112 looks on a white background.

Color Contrast Check

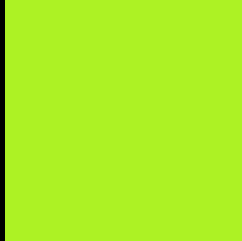
Large Text (above 18pt) WCAG AA × Fail

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 85.1563, -45.6747, 50.5112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

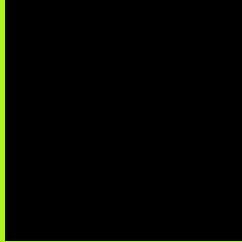
Any Text WCAG AA ✓ Pass

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 85.1563, -45.6747, 50.5112 Background



This preview shows how black text looks on a background with the HunterLab color 85.1563, -45.6747, 50.5112.



This preview shows how white text looks on a background with the HunterLab color 85.1563,

-45.6747, 50.5112.

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

85.1563, -45.6747, 50.5112

Protanopia

84.7131, -11.7024, 51.1353

Deuteranopia

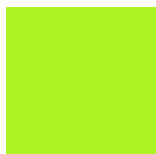
84.6481, 1.6622, 31.0801



Tritanopia

84.8865, -10.0441, -7.0945

Trichromacy



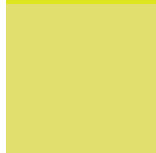
Original Color

85.1563, -45.6747, 50.5112



Protanomaly

84.5666, -25.3587, 50.7075



Deuteranomaly

83.9313, -18.1664, 40.9792



Tritanomaly

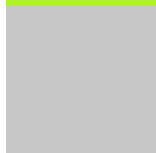
84.0657, -27.3950, 25.1935

Monochromacy



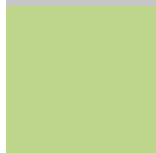
Original Color

85.1563, -45.6747, 50.5112



Achromatopsia

75.1473, -4.0097, 4.0829



Achromatomaly

77.9590, -22.6478, 29.0647

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.1563, -45.6747, 50.5112 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(173, 242, 36)` looks like.

```
.text, #text, p{  
    color:rgb(173, 242, 36)  
}
```

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(173, 242, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 242, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 85.1563, -45.6747, 50.5112 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(173, 242, 36) }
```


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

```
.border{ border-color:rgb(173, 242, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 242, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 242, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 242, 36);  
box-shadow:4px 4px 4px 4px rgb(173, 242,  
36) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.1563, -45.6747, 50.5112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 242, 36) }
```

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

```
.background{ background-color: rgb(173,  
242, 36) }
```

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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