

Converting Colors

HunterLab(85.8248, -65.7377,
40.4521)

Have a look what the booklet for
HunterLab(85.8248, -65.7377,
40.4521) contains.

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Color

**HunterLab(85.8239,
-65.7514, 40.5281)**

Conversions

Conversions Part 1

Format	Color
Hex	3AFF73
RGB	58, 255, 115
RGB Percent	23%, 100%, 45%
CMY	0.7725, 0.0000, 0.5490
CMYK	0.77, 0.00, 0.55, 0.00
HSL	137°, 100%, 61%
HSV	137°, 77%, 100%
XYZ	40.5995, 73.6574, 28.2972
YIQ	180.1370, -72.4720, -85.3040

Conversions

Conversions Part 2

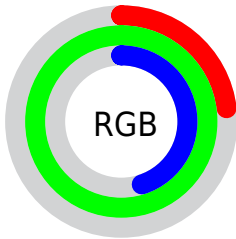
Format	Color
RYB	58, 211, 255
Decimal	3866483
CIELab	88.76, -75.00, 52.99
CIELCh	89, 91.826, 144.757
Yxy	73.6575, 0.2848, 0.5167
Android (android.graphics.Color)	4282056563 (0xFF3AFF73)
YUV	180.1370, -32.1125, -107.1141
Hunter-Lab	85.8239, -65.7514, 40.5281

Details

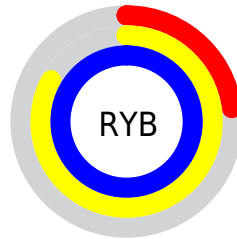
The HunterLab color **85.8239, -65.7514, 40.5281** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **53.2574, 84.2560, -25.1848**, and the grayscale version is **67.7677, -3.6159, 3.6819**.

A 20% lighter version of the original color is **89.2038, -50.0370, 28.8139**, and **63.4582, -52.5200, 34.0583** is the 20% darker color. If you saturate the color by 10%, you get **85.2620, -68.5575, 43.4935**, and if you desaturate by 10%, it is **86.6481, -61.7865, 37.0953**.

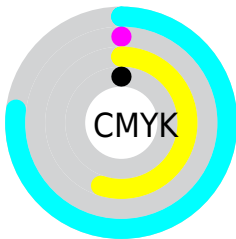
Distribution



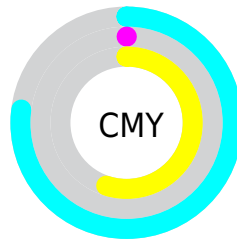
- Red (23%)
- Green (100%)
- Blue (45%)



- Red (23%)
- Yellow (83%)
- Blue (100%)



- Cyan (77%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)





- Cyan (77%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.8239, -65.7514, 40.5281 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 85.8239, -65.7514, 40.5281 by changing the saturation by 10% instead.


 85.8239, -65.7514,
40.5281


 85.8239, -65.7514,
40.5281


217.5524,
-101.9657, 68.3886


 73.8334, -61.0495,
36.9803


 111.5393,
-74.6014, 47.2527


 62.4600, -56.1145,
33.2795


 125.2150,
-78.8052, 50.4668

 51.7393, -50.8937,
29.3955


 139.4079,
-82.8885, 53.6004

 41.7135, -45.3165,
25.2931

 154.1000,
-86.8672, 56.6645

 32.4349, -39.2843,
20.9357

169.2747,
-90.7542, 59.6683

 23.9692, -32.6571,
16.7784


184.9173,

 16.4036, -27.1474,


-94.5604, 62.6193


11.4825


201.0140,
-98.2950, 65.5243


 9.8616, -17.2578,
6.9031


0.0000, NaN, NaN


 85.8239, -65.7514,
40.5281


 85.8239, -65.7514,
40.5281


 85.2620, -68.5575,
43.4935


 86.6481, -61.7865,
37.0953

 84.9272, -70.3299,
45.9681

 87.7575, -56.6080,
33.2329

 84.8596, -70.6993,
46.5525

 89.1674, -50.2090,
28.9858

 90.8861, -42.6249,
24.4079

■ 92.9162, -33.9243,
19.5579

■ 95.2558, -24.2003,
14.4961

■ 97.8985, -13.5609,
9.2810

■ 100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



85.8240, -38.7055, 51.4329



85.8239, -65.7514, 40.5281



85.8240, -76.3388, 12.0405

Triad

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



85.8240, -65.7508, 40.5273



85.8240, -12.5517, -129.2676



85.8240, 91.8961, 33.0593

Complementary

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



85.8239, -65.7514, 40.5281



53.2574, 84.2560, -25.1848

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.



85.8240, 102.9978, -3.4148



85.8239, -65.7514, 40.5281



85.8240, 35.8733, -112.9424

Square

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



85.8240, -65.7508, 40.5273



85.8240, -50.0638, -96.9632



85.8240, 80.6813, -59.7942



85.8240, 52.9261, 48.9964

Rectangle

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



85.8239, -65.7514, 40.5281



85.8240, -74.6997, -19.7601



85.8240, 80.6813, -59.7942



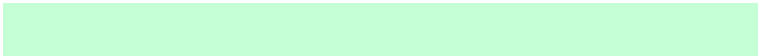
85.8240, 99.3164, 23.5288

Sweetspot

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



85.8240, -65.7508, 40.5273



93.8739, -29.9069, 17.4271



91.6476, -43.2775, 53.1253



43.0524, -15.4202, 8.9009

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.8240, -65.7508, 40.5273



85.0451, -69.6896, 44.9771



87.8573, -53.3257, 11.0277



45.0051, -7.4159, 4.8417



61.3595, -50.9919, 33.3830



19.1932, -15.6185, 9.7259

Inverse Universe

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



53.2574, 84.2560, -25.1848



50.2485, 90.9516, -22.5085



50.2193, 72.3730, 17.7714



42.6679, 2.9574, -0.0668



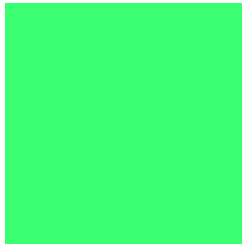
35.8941, 66.4149, -15.1398



11.2847, 21.0250, -5.8839

Previews

White Background



This preview shows how the HunterLab color 85.8239, -65.7514, 40.5281 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 85.8239, -65.7514, 40.5281 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 85.8239, -65.7514, 40.5281 Background



This preview shows how black text looks on a background with the HunterLab color 85.8239, -65.7514, 40.5281.



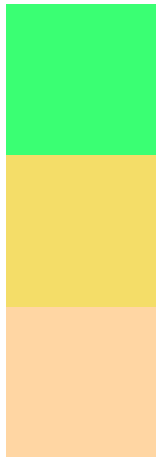
This preview shows how white text looks on a background with the HunterLab color 85.8239, -65.7514, 40.5281.

-65.7514, 40.5281.

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

85.8239, -65.7514, 40.5281

Protanopia

84.8207, -10.2516, 42.9320

Deuteranopia

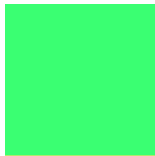
84.8513, 2.7593, 28.1213



Tritanopia

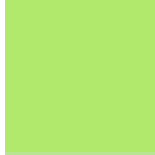
85.5537, -28.7394, -13.3499

Trichromacy



Original Color

85.8239, -65.7514, 40.5281



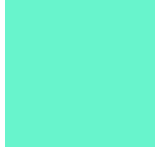
Protanomaly

82.8195, -37.7080, 40.2162



Deuteranomaly

82.5719, -30.4986, 30.8200



Tritanomaly

84.8552, -45.5079, 11.5751

Monochromacy



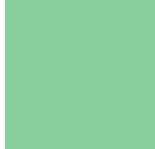
Original Color

85.8239, -65.7514, 40.5281



Achromatopsia

67.5582, -3.6047, 3.6706



Achromatomaly

72.2912, -31.5279, 18.1976

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.8239, -65.7514, 40.5281 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(58, 255, 115)` looks like.

```
.text, #text, p{  
    color:rgb(58, 255, 115)  
}
```

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(58, 255, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 255, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 85.8239, -65.7514, 40.5281 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(58, 255, 115) }
```


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

```
.border{ border-color:rgb(58, 255, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 255, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 255, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 255, 115);  
box-shadow:4px 4px 4px 4px rgb(58, 255,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.8239, -65.7514, 40.5281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 255, 115) }
```

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

```
.background{ background-color: rgb(58, 255,  
115) }
```

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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