

Converting Colors

HunterLab(85.7762, -65.8186,
39.4599)

Have a look what the booklet for
HunterLab(85.7762, -65.8186,
39.4599) contains.

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Color

**HunterLab(85.7787,
-65.8028, 39.4224)**

Conversions

Conversions Part 1

Format	Color
Hex	33FF78
RGB	51, 255, 120
RGB Percent	20%, 100%, 47%
CMY	0.8000, 0.0000, 0.5294
CMYK	0.80, 0.00, 0.53, 0.00
HSL	140°, 100%, 60%
HSV	140°, 80%, 100%
XYZ	40.5154, 73.5799, 29.8362
YIQ	178.6140, -78.2490, -85.2330

Conversions

Conversions Part 2

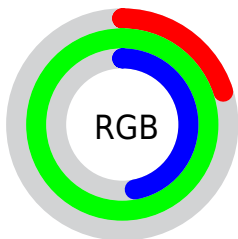
Format	Color
RYB	51, 203, 255
Decimal	3407736
CIELab	88.72, -75.10, 50.65
CIELCh	89, 90.582, 146.001
Yxy	73.5800, 0.2815, 0.5112
Android (android.graphics.Color)	4281597816 (0xFF33FF78)
YUV	178.6140, -28.8967, -111.9175
Hunter-Lab	85.7787, -65.8028, 39.4224

Details

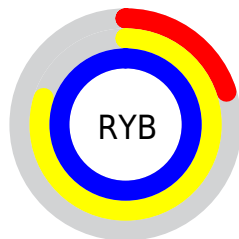
The HunterLab color **85.7787, -65.8028, 39.4224** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **52.1278, 84.3967, -19.2384**, and the grayscale version is **67.1203, -3.5814, 3.6468**.

A 20% lighter version of the original color is **89.1294, -50.1174, 27.0644**, and **63.5120, -52.1837, 33.2650** is the 20% darker color. If you saturate the color by 10%, you get **85.2731, -68.3687, 42.4024**, and if you desaturate by 10%, it is **86.5331, -62.1403, 36.0489**.

Distribution



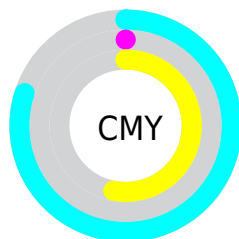
- Red (20%)
- Green (100%)
- Blue (47%)



- Red (20%)
- Yellow (80%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (53%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.7787, -65.8028, 39.4224 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 85.7787, -65.8028, 39.4224 by changing the saturation by 10% instead.


 85.7787, -65.8028,
39.4224


 85.7787, -65.8028,
39.4224


217.4908,
-102.0634, 66.2819


 73.7905, -61.0941,
36.0141


 111.4900,
-74.6651, 45.8891

 62.4194, -56.1517,
32.4605


 125.1638,
-78.8745, 48.9834

 51.7011, -50.9228,
28.7319


 139.3549,
-82.9631, 52.0025

 41.6780, -45.3365,
24.7927

 154.0451,
-86.9469, 54.9569

 32.4023, -39.2942,
20.6033

169.2181,
-90.8387, 57.8553

 23.9397, -32.6554,
16.7578

184.8589,

 16.3776, -27.1686,

-94.6495, 60.7050

11.4643

200.9540,
-98.3885, 63.5121

■ 9.8397, -17.2195,
6.8878

0.0000, NaN, NaN

■ 85.7787, -65.8028,
39.4224

■ 85.7787, -65.8028,
39.4224

■ 85.2731, -68.3687,
42.4024

■ 86.5331, -62.1403,
36.0489

■ 84.9682, -70.0200,
44.9503

■ 87.5613, -57.3133,
32.3234

■ 84.9682, -70.0202,
44.9506

■ 88.8802, -51.3028,
28.2920

■ 90.4998, -44.1322,
24.0071

■ 92.4242, -35.8591,
19.5244

■ 94.6529, -26.5667,
14.8995

■ 97.1810, -16.3554,
10.1861

■ 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.



85.7788, -39.7097, 50.8773



85.7787, -65.8028, 39.4224



85.7788, -75.6520, 10.2805

Triad

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



85.7788, -65.8023, 39.4217



85.7788, -10.6065, -127.0200



85.7788, 89.2194, 33.7592

Complementary

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



85.7787, -65.8028, 39.4224



52.1278, 84.3967, -19.2384

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.



85.7788, 101.4805, -1.3489



85.7787, -65.8028, 39.4224



85.7788, 37.3043, -109.0910

Square

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



85.7788, -65.8023, 39.4217



85.7788, -48.2807, -97.1480



85.7788, 80.8071, -56.2306



85.7788, 50.1123, 49.0108

Rectangle

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



85.7787, -65.8028, 39.4224



85.7788, -73.5985, -21.6281



85.7788, 80.8071, -56.2306



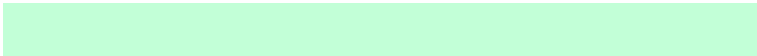
85.7788, 96.9261, 24.6124

Sweetspot

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



85.7788, -65.8023, 39.4217



93.7249, -30.4010, 16.7636



90.7326, -46.9371, 53.0404



42.9979, -15.5847, 8.5168

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.7788, -65.8023, 39.4217



85.0742, -69.4357, 43.9892



88.0025, -52.2285, 7.2245



45.0217, -7.3231, 4.6041



61.4401, -50.4881, 32.1947



19.2222, -15.4382, 9.3006

Inverse Universe

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



52.1278, 84.3967, -19.2384



49.4647, 89.5963, -14.8536



49.2787, 73.3727, 21.3088



42.6495, 2.8589, 0.1947



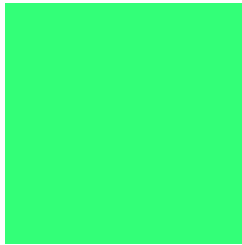
35.5383, 65.1398, -10.2096



11.1809, 20.6548, -4.4577

Previews

White Background



This preview shows how the HunterLab color 85.7787, -65.8028, 39.4224 looks on a white background.

Color Contrast Check

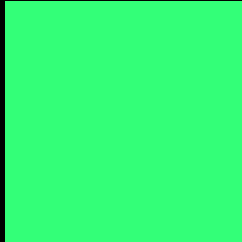
Large Text (above 18pt) WCAG AA × Fail

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 85.7787, -65.8028, 39.4224 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 85.7787, -65.8028, 39.4224 Background



This preview shows how black text looks on a background with the HunterLab color 85.7787, -65.8028, 39.4224.



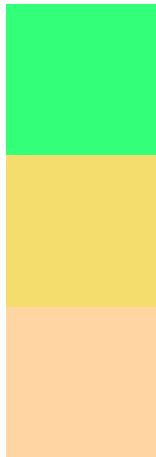
This preview shows how white text looks on a background with the HunterLab color 85.7787, -65.8028, 39.4224.

-65.8028, 39.4224.

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

85.7787, -65.8028, 39.4224

Protanopia

84.8823, -9.9097, 42.0248

Deuteranopia

84.5747, 3.3954, 27.5522



Tritanopia

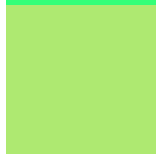
85.4612, -29.0874, -13.4840

Trichromacy



Original Color

85.7787, -65.8028, 39.4224



Protanomaly

82.7458, -37.8614, 39.1306



Deuteranomaly

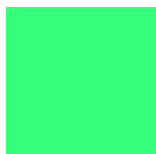
82.1271, -30.3880, 29.8481



Tritanomaly

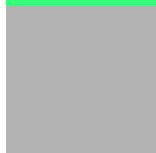
84.8082, -45.5803, 10.6378

Monochromacy



Original Color

85.7787, -65.8028, 39.4224



Achromatopsia

67.1406, -3.5825, 3.6479



Achromatomaly

72.1109, -32.1303, 17.2754

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.7787, -65.8028, 39.4224 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(51, 255, 120)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 120)  
}
```

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(51, 255, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 85.7787, -65.8028, 39.4224 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(51, 255, 120) }
```


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

```
.border{ border-color:rgb(51, 255, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 120);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.7787, -65.8028, 39.4224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 120) }
```

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

```
.background{ background-color: rgb(51, 255,  
120) }
```

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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