

Converting Colors

HunterLab(85.6789, -66.4212,
40.8875)

Have a look what the booklet for
HunterLab(85.6789, -66.4212,
40.8875) contains.

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Color

**HunterLab(85.6832,
-66.3947, 40.8248)**

Conversions

Conversions Part 1

Format	Color
Hex	33FF71
RGB	51, 255, 113
RGB Percent	20%, 100%, 44%
CMY	0.8000, 0.0000, 0.5568
CMYK	0.80, 0.00, 0.56, 0.00
HSL	138°, 100%, 60%
HSV	138°, 80%, 100%
XYZ	40.1059, 73.4161, 27.6797
YIQ	177.8160, -76.0020, -87.4100

Conversions

Conversions Part 2

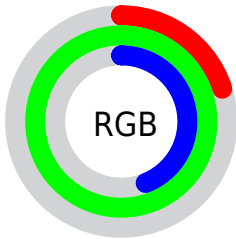
Format	Color
RYB	51, 207, 255
Decimal	3407729
CIELab	88.65, -76.03, 53.73
CIELCh	89, 93.100, 144.755
Yxy	73.4162, 0.2840, 0.5199
Android (android.graphics.Color)	4281597809 (0xFF33FF71)
YUV	177.8160, -31.9543, -111.2176
Hunter-Lab	85.6832, -66.3947, 40.8248

Details

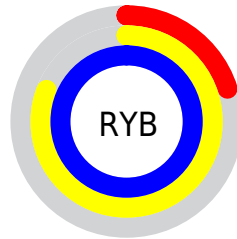
The HunterLab color **85.6832, -66.3947, 40.8248** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **52.4197, 85.5054, -23.2668**, and the grayscale version is **66.7991, -3.5642, 3.6293**.

A 20% lighter version of the original color is **88.9789, -51.0192, 29.2502**, and **63.4415, -52.6242, 34.3042** is the 20% darker color. If you saturate the color by 10%, you get **85.1845, -68.9207, 43.7061**, and if you desaturate by 10%, it is **86.4345, -62.7466, 37.4927**.

Distribution



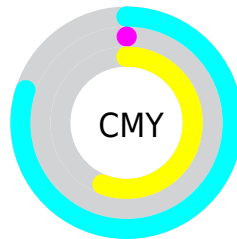
- Red (20%)
- Green (100%)
- Blue (44%)



- Red (20%)
- Yellow (81%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.6832, -66.3947, 40.8248 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 85.6832, -66.3947, 40.8248 by changing the saturation by 10% instead.


 85.6832, -66.3947,
40.8248


 85.6832, -66.3947,
40.8248


217.3606,
-103.0579, 69.0106

 73.6997, -61.6285,
37.2311


 111.3858,
-75.3619, 47.6338


 62.3335, -56.6243,
33.4818


 125.0554,
-79.6195, 50.8870

 51.6204, -51.3287,
29.5462


 139.2426,
-83.7542, 54.0578

 41.6029, -45.6696,
25.3897

 153.9290,
-87.7819, 57.1576

 32.3332, -39.5470,
20.9788

169.0983,
-91.7159, 60.1954

 23.8773, -32.8192,
16.7141

184.7355,

 16.3226, -27.4070,

-95.5672, 63.1793

11.4258

200.8271,
-99.3452, 66.1158

■ 9.7933, -17.1383,
6.8553

0.0000, NaN, NaN

■ 85.6832, -66.3947,
40.8248

■ 85.6832, -66.3947,
40.8248

■ 85.1845, -68.9207,
43.7061

■ 86.4345, -62.7466,
37.4927

■ 84.8899, -70.5096,
46.1051

■ 87.4638, -57.9068,
33.7469

■ 84.8899, -70.5098,
46.1054

■ 88.7881, -51.8558,
29.6308

■ 90.4176, -44.6179,
25.1968

■ 92.3565, -36.2529,
20.5019

■ 94.6039, -26.8468,
15.6052

■ 97.1546, -16.5030,
10.5642

■ 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.



85.6833, -39.1046, 51.6774



85.6832, -66.3947, 40.8248



85.6833, -77.0518, 12.1285

Triad

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



85.6833, -66.3942, 40.8241



85.6833, -12.6511, -131.9251



85.6833, 93.4446, 33.3300

Complementary

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



85.6832, -66.3947, 40.8248



52.4197, 85.5054, -23.2668

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.



85.6833, 104.7466, -3.5391



85.6832, -66.3947, 40.8248



85.6833, 36.4670, -115.2238

Square

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



85.6833, -66.3942, 40.8241



85.6833, -50.5799, -98.8773



85.6833, 82.0252, -60.9246



85.6833, 53.8013, 49.2647

Rectangle

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



85.6832, -66.3947, 40.8248



85.6833, -75.4040, -20.1354



85.6833, 82.0252, -60.9246



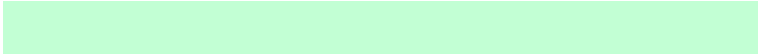
85.6833, 100.9991, 23.7314

Sweetspot

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



85.6833, -66.3942, 40.8241



93.6678, -30.7293, 17.5851



91.2152, -45.0401, 53.3818



42.9685, -15.7551, 8.9410

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.6833, -66.3942, 40.8241



84.9914, -69.9527, 45.2090



87.8005, -53.4460, 10.1155



45.0101, -7.3883, 4.7710



61.3820, -50.8509, 33.0503



19.2015, -15.5671, 9.6047

Inverse Universe

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



52.4197, 85.5054, -23.2668



49.8008, 90.8085, -19.5124



49.3936, 73.8243, 19.6287



42.6624, 2.9280, 0.0113



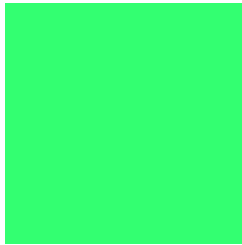
35.7850, 66.0247, -13.6337



11.2530, 20.9123, -5.4501

Previews

White Background



This preview shows how the HunterLab color 85.6832, -66.3947, 40.8248 looks on a white background.

Color Contrast Check

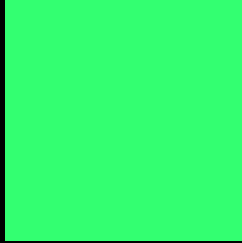
Large Text (above 18pt) WCAG AA × Fail

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 85.6832, -66.3947, 40.8248 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 85.6832, -66.3947, 40.8248 Background



This preview shows how black text looks on a background with the HunterLab color 85.6832, -66.3947, 40.8248.



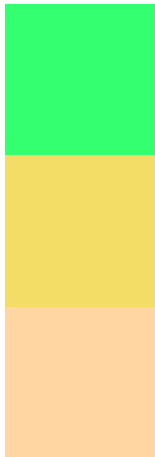
This preview shows how white text looks on a background with the HunterLab color 85.6832, -66.3947, 40.8248.

-66.3947, 40.8248.

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

85.6832, -66.3947, 40.8248

Protanopia

84.7970, -10.3829, 43.2805

Deuteranopia

84.5114, 3.0541, 28.4735



Tritanopia

85.4156, -29.2592, -13.5501

Trichromacy



Original Color

85.6832, -66.3947, 40.8248



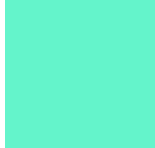
Protanomaly

82.6542, -38.4011, 40.4776



Deuteranomaly

82.0513, -30.8277, 30.9538



Tritanomaly

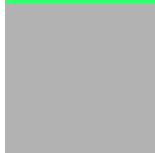
84.6891, -46.2230, 11.8208

Monochromacy



Original Color

85.6832, -66.3947, 40.8248



Achromatopsia

66.7234, -3.5602, 3.6252



Achromatomaly

71.6807, -32.2582, 18.3174

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.6832, -66.3947, 40.8248 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, 113)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 113)  
}
```

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, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 85.6832, -66.3947, 40.8248 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, 113) }
```


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

```
.border{ border-color:rgb(51, 255, 113) }
```

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, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 113);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.6832, -66.3947, 40.8248 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, 113) }
```

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

```
.background{ background-color: rgb(51, 255,  
113) }
```

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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