

Converting Colors

HunterLab(86.0954, -63.7019,
33.6700)

Have a look what the booklet for
HunterLab(86.0954, -63.7019,
33.6700) contains.

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Color

**HunterLab(86.0898,
-63.7378, 33.7605)**

Conversions

Conversions Part 1

Format	Color
Hex	2EFF90
RGB	46, 255, 144
RGB Percent	18%, 100%, 56%
CMY	0.8196, 0.0000, 0.4353
CMYK	0.82, 0.00, 0.44, 0.00
HSL	148°, 100%, 59%
HSV	148°, 82%, 100%
XYZ	41.9208, 74.1145, 38.4817
YIQ	179.8550, -88.9330, -78.8290

Conversions

Conversions Part 2

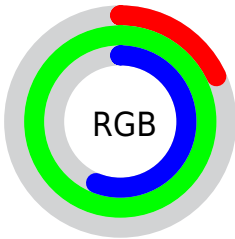
Format	Color
RYB	46, 188, 255
Decimal	3080080
CIELab	88.98, -71.89, 39.59
CIELCh	89, 82.066, 151.158
Yxy	74.1147, 0.2713, 0.4796
Android (android.graphics.Color)	4281270160 (0xFF2EFF90)
YUV	179.8550, -17.6765, -117.3908
Hunter-Lab	86.0898, -63.7378, 33.7605

Details

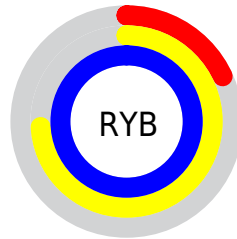
The HunterLab color **86.0898, -63.7378, 33.7605** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **50.6448, 81.6191, -4.7091**, and the grayscale version is **67.5968, -3.6068, 3.6727**.

A 20% lighter version of the original color is **89.5727, -47.2066, 18.6024**, and **63.8006, -50.3853, 29.0222** is the 20% darker color. If you saturate the color by 10%, you get **85.6144, -66.1795, 36.8587**, and if you desaturate by 10%, it is **86.7939, -60.3124, 30.4686**.

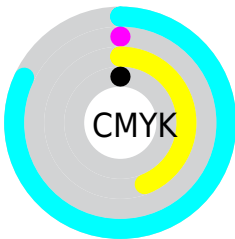
Distribution



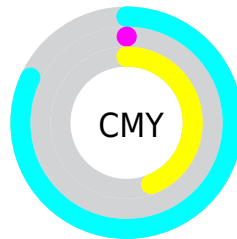
- Red (18%)
- Green (100%)
- Blue (56%)



- Red (18%)
- Yellow (74%)
- Blue (100%)



- Cyan (82%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)





- Cyan (82%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.0898, -63.7378, 33.7605 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 86.0898, -63.7378, 33.7605 by changing the saturation by 10% instead.


 86.0898, -63.7378,
33.7605


 86.0898, -63.7378,
33.7605


217.9149,
-98.6264, 55.9396

 74.0864, -59.2247,
31.0107


 111.8295,
-72.2429, 39.0157

 62.6993, -54.4922,
28.1570


 125.5166,
-76.2877, 41.5492

 51.9640, -49.4904,
25.1738


 139.7205,
-80.2197, 44.0333

 41.9227, -44.1519,
22.0288

 154.4232,
-84.0537, 46.4755

 32.6273, -38.3827,
18.6795

169.6082,
-87.8018, 48.8824

 24.1432, -32.0474,
15.1196


185.2607,

 16.5570, -26.3665,


-91.4745, 51.2592


11.5899


201.3671,
-95.0802, 53.6103


 9.9911, -17.4845,
6.9938


0.0000, NaN, NaN


 86.0898, -63.7378,
33.7605


 86.0898, -63.7378,
33.7605


 85.6144, -66.1795,
36.8587


 86.7939, -60.3124,
30.4686


 85.3614, -67.5697,
39.1692


 87.7527, -55.8283,
27.0338


 88.9842, -50.2560,
23.5048

 90.4996, -43.6068,
19.9308

 92.3046, -35.9240,
16.3591

 94.4000, -27.2760,
12.8334

 96.7827, -17.7486,
9.3923

 99.4462, -7.4380,
6.0681

 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.



86.0899, -41.9782, 47.5242



86.0898, -63.7378, 33.7605



86.0899, -70.5162, 3.1448

Triad

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



86.0899, -63.7371, 33.7598



86.0899, -2.9868, -110.3382



86.0899, 74.5099, 35.3418

Complementary

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



86.0898, -63.7378, 33.7605



50.6448, 81.6191, -4.7091

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.



86.0899, 90.1349, 6.1994



86.0898, -63.7378, 33.7605



86.0899, 40.4987, -88.3554

Square

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



86.0899, -63.7371, 33.7598



86.0899, -39.6788, -91.3172



86.0899, 76.6593, -40.3412



86.0899, 37.1908, 48.0877

Rectangle

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



86.0898, -63.7378, 33.7605



86.0899, -66.8831, -27.3091



86.0899, 76.6593, -40.3412



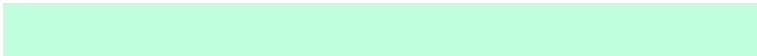
86.0899, 82.7582, 27.7503

Sweetspot

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



86.0899, -63.7371, 33.7598



93.7320, -30.0038, 13.8986



88.8441, -54.5186, 52.0655



43.0231, -15.2904, 7.0032

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.0899, -63.7371, 33.7598



85.4195, -67.2468, 38.6150



88.8146, -47.2268, -5.4027



45.0666, -7.0726, 3.9624



61.7280, -48.6942, 27.9623



19.3180, -14.8430, 7.8961

Inverse Universe

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



50.6448, 81.6191, -4.7091



48.1669, 85.6955, 1.6662



48.4472, 73.1291, 27.0152



42.6009, 2.5982, 0.8863



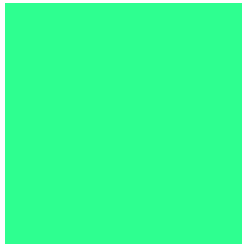
34.7270, 62.2091, 1.2152



10.9375, 19.7793, -1.0595

Previews

White Background



This preview shows how the HunterLab color 86.0898, -63.7378, 33.7605 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 86.0898, -63.7378, 33.7605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

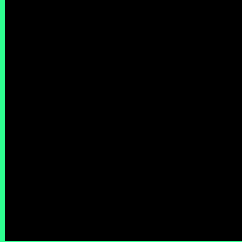
Any Text WCAG AA ✓ Pass

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 86.0898, -63.7378, 33.7605 Background



This preview shows how black text looks on a background with the HunterLab color 86.0898, -63.7378, 33.7605.



This preview shows how white text looks on a background with the HunterLab color 86.0898, -63.7378, 33.7605.

-63.7378, 33.7605.

Color Blindness Simulation

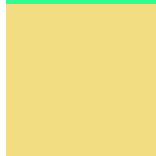
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



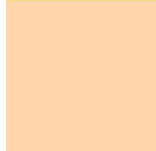
Original Color

86.0898, -63.7378, 33.7605



Protanopia

84.9876, -8.9084, 37.2329



Deuteranopia

85.0480, 3.8189, 25.2641



Tritanopia

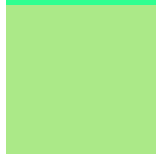
85.6006, -28.5631, -13.2820

Trichromacy



Original Color

86.0898, -63.7378, 33.7605



Protanomaly

82.8935, -36.5826, 33.7780



Deuteranomaly

82.6020, -29.7387, 25.8429



Tritanomaly

85.0731, -44.0034, 6.8457

Monochromacy



Original Color

86.0898, -63.7378, 33.7605



Achromatopsia

67.5582, -3.6047, 3.6706



Achromatomaly

72.2779, -31.0400, 14.0042

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.0898, -63.7378, 33.7605 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(46, 255, 144)` looks like.

```
.text, #text, p{  
    color:rgb(46, 255, 144)  
}
```

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(46, 255, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 255, 144) }
```

Border

The CSS property to change the border of an element to HunterLab 86.0898, -63.7378, 33.7605 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(46, 255, 144) }
```


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

```
.border{ border-color:rgb(46, 255, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 255, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 255, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 255, 144);  
box-shadow:4px 4px 4px 4px rgb(46, 255,  
144) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.0898, -63.7378, 33.7605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 255, 144) }
```

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

```
.background{ background-color: rgb(46, 255,  
144) }
```

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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