

Converting Colors

HunterLab(80.9700, -61.3110,
32.5105)

Have a look what the booklet for
HunterLab(80.9700, -61.3110,
32.5105) contains.

HunterLab(80.8653, -61.2486, 32.4867)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(80.8653,
-61.2486, 32.4867)**

Conversions

Conversions Part 1

Format	Color
Hex	18F285
RGB	24, 242, 133
RGB Percent	9%, 95%, 52%
CMY	0.9058, 0.0510, 0.4784
CMYK	0.90, 0.00, 0.45, 0.05
HSL	150°, 89%, 52%
HSV	150°, 90%, 95%
XYZ	36.3625, 65.3920, 32.8958
YIQ	164.3920, -94.9390, -80.1150

Conversions

Conversions Part 2

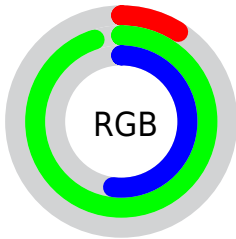
Format	Color
R_{YB}	24, 169, 242
Decimal	1634949
CIE _{Lab}	84.69, -71.02, 39.39
CIE _{LCh}	85, 81.210, 150.981
Yxy	65.3946, 0.2701, 0.4856
Android (android.graphics.Color)	4279825029 (0xFF18F285)
YUV	164.3920, -15.4763, -123.1238
Hunter-Lab	80.8653, -61.2486, 32.4867

Details

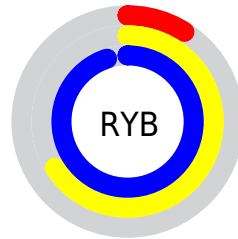
The HunterLab color **80.8653, -61.2486, 32.4867** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **46.0711, 78.9279, 1.2082**, and the grayscale version is **61.1823, -3.2645, 3.3241**.

A 20% lighter version of the original color is **88.8199, -50.7991, 22.4580**, and **59.0551, -47.0484, 27.7503** is the 20% darker color. If you saturate the color by 10%, you get **80.5526, -62.9560, 35.2201**, and if you desaturate by 10%, it is **81.3559, -58.7766, 29.5491**.

Distribution



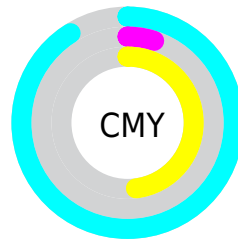
- Red (9%)
- Green (95%)
- Blue (52%)



- Red (9%)
- Yellow (66%)
- Blue (95%)



- Cyan (90%)
- Magenta (0%)
- Yellow (45%)
- Black (5%)





- Cyan (91%)
- Magenta (5%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 80.8653, -61.2486, 32.4867 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 80.8653, -61.2486, 32.4867 by changing the saturation by 10% instead.


 80.8653, -61.2486,
32.4867

 80.8653, -61.2486,
32.4867


210.7626,
-96.1647, 54.7559

 69.1239, -56.7007,
29.7076


 106.1212,
-69.7960, 37.7853

 58.0117, -51.9163,
26.8142


 119.5804,
-73.8501, 40.3330

 47.5685, -46.8408,
23.7795


 133.5649,
-77.7862, 42.8278

 37.8402, -41.3978,
20.5671

 148.0557,
-81.6200, 45.2782

 28.8838, -35.4787,
17.1296

 163.0357,
-85.3647, 47.6909

 20.7726, -28.9260,
13.9085

178.4894,

 13.6062, -23.8109,

-89.0312, 50.0717

9.5244

194.4026,
-92.6286, 52.4254

■ 7.2031, -12.6054,
5.0422

0.0000, NaN, NaN

■ 80.8653, -61.2486,
32.4867

■ 80.8653, -61.2486,
32.4867

■ 80.5526, -62.9560,
35.2201

■ 81.3559, -58.7766,
29.5491

■ 82.0619, -55.3831,
26.4838

■ 83.0078, -51.0073,
23.3377

■ 84.2087, -45.6299,
20.1564

■ 85.6741, -39.2662,
16.9843

■ 87.4085, -31.9600,
13.8626

■ 89.4121, -23.7766,
10.8281

■ 91.6815, -14.7961,
7.9124

■ 94.2106, -5.1068,
5.1410

Harmonies

Analogous

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



80.8669, -40.2690, 45.3905



80.8653, -61.2486, 32.4867



80.8669, -67.8171, 3.1368

Triad

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



80.8669, -61.2494, 32.4872



80.8669, -2.9957, -108.4589



80.8669, 72.8707, 33.7631

Complementary

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



80.8653, -61.2486, 32.4867



46.0711, 78.9279, 1.2082

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.



80.8669, 87.9940, 5.6467



80.8653, -61.2486, 32.4867



80.8669, 39.2683, -86.9711

Square

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



80.8669, -61.2494, 32.4872



80.8669, -38.3915, -89.4487



80.8669, 74.6521, -39.8140



80.8669, 36.5358, 45.8347

Rectangle

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



80.8653, -61.2486, 32.4867



80.8669, -64.3986, -26.4717



80.8669, 74.6521, -39.8140



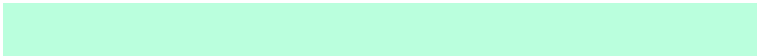
80.8669, 80.8884, 26.4867

Sweetspot

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



80.8669, -61.2494, 32.4872



93.3679, -31.4026, 13.7327



82.9824, -54.4961, 49.5615



42.8762, -15.8512, 6.8698

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.8669, -61.2494, 32.4872



85.4782, -66.8438, 37.4562



83.6038, -44.6399, -6.8328



42.1761, -6.5343, 3.5548



59.0628, -45.9973, 25.4715



17.0942, -12.9025, 6.4864

Inverse Universe

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



46.0711, 78.9279, 1.2082



47.7551, 85.0183, 5.7717



44.2875, 72.2358, 27.1134



39.8631, 2.3434, 0.9898



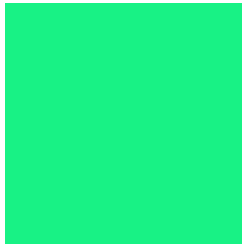
33.0307, 58.8950, 3.2906



9.6318, 17.3678, -0.5432

Previews

White Background



This preview shows how the HunterLab color 80.8653, -61.2486, 32.4867 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 80.8653, -61.2486, 32.4867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

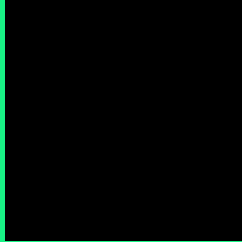
Any Text WCAG AA ✓ Pass

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 80.8653, -61.2486, 32.4867 Background



This preview shows how black text looks on a background with the HunterLab color 80.8653, -61.2486, 32.4867.



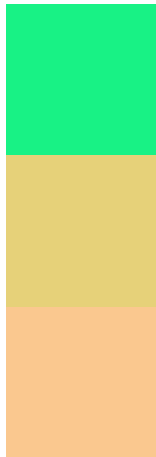
This preview shows how white text looks on a background with the HunterLab color 80.8653,

-61.2486, 32.4867.

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

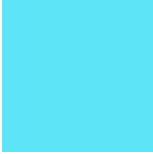
80.8653, -61.2486, 32.4867

Protanopia

79.8777, -8.1980, 35.6499

Deuteranopia

79.7595, 5.9714, 29.9345



Tritanopia

80.6729, -32.0458, -15.5226

Trichromacy



Original Color

80.8653, -61.2486, 32.4867



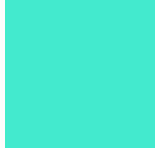
Protanomaly

77.5643, -36.6066, 32.3230



Deuteranomaly

76.6745, -29.1654, 27.8479



Tritanomaly

80.3311, -45.1482, 5.6114

Monochromacy



Original Color

80.8653, -61.2486, 32.4867



Achromatopsia

60.9293, -3.2510, 3.3104



Achromatomaly

65.9620, -30.4363, 13.0240

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.8653, -61.2486, 32.4867 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(24, 242, 133)` looks like.

```
.text, #text, p{  
    color:rgb(24, 242, 133)  
}
```

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(24, 242, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 242, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 80.8653, -61.2486, 32.4867 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(24, 242, 133) }
```


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

```
.border{ border-color:rgb(24, 242, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 242, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 242, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 242, 133);  
box-shadow:4px 4px 4px 4px rgb(24, 242,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.8653, -61.2486, 32.4867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 242, 133) }
```

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

```
.background{ background-color: rgb(24, 242,  
133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor