

Converting Colors

HunterLab(87.4801, -55.5001,
21.3377)

Have a look what the booklet for
HunterLab(87.4801, -55.5001,
21.3377) contains.

HunterLab(87.6189, -55.6860, 21.5807)	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(87.6189,
-55.6860, 21.5807)**

Conversions

Conversions Part 1

Format	Color
Hex	50FFBA
RGB	80, 255, 186
RGB Percent	31%, 100%, 73%
CMY	0.6863, 0.0000, 0.2706
CMYK	0.69, 0.00, 0.27, 0.00
HSL	156°, 100%, 66%
HSV	156°, 69%, 100%
XYZ	47.9313, 76.7707, 58.7464
YIQ	194.8090, -82.1510, -58.5590

Conversions

Conversions Part 2

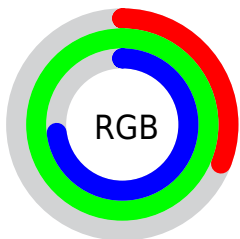
Format	Color
RYB	80, 189, 255
Decimal	5308346
CIELab	90.22, -59.84, 20.31
CIELCh	90, 63.197, 161.252
Yxy	76.7710, 0.2613, 0.4185
Android (android.graphics.Color)	4283498426 (0xFF50FFBA)
YUV	194.8090, -4.3428, -100.6875
Hunter-Lab	87.6189, -55.6860, 21.5807

Details

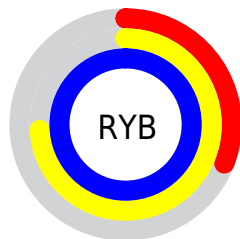
The HunterLab color **87.6189, -55.6860, 21.5807** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light muted spring green. A complement of this color would be **54.0076, 69.2017, 3.2743**, and the grayscale version is **73.8358, -3.9397, 4.0116**.

A 20% lighter version of the original color is **91.7751, -36.1287, 1.6491**, and **64.5182, -45.9539, 18.5592** is the 20% darker color. If you saturate the color by 10%, you get **86.8625, -59.2480, 24.4692**, and if you desaturate by 10%, it is **88.6240, -51.1317, 18.7534**.

Distribution



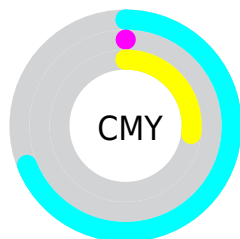
- Red (31%)
- Green (100%)
- Blue (73%)



- Red (31%)
- Yellow (74%)
- Blue (100%)



- Cyan (69%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (69%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.6189, -55.6860, 21.5807 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 87.6189, -55.6860, 21.5807 by changing the saturation by 10% instead.


 87.6189, -55.6860,
21.5807


 87.6189, -55.6860,
21.5807


219.9961,
-85.5060, 36.0506


 75.5413, -51.8950,
19.9212


 113.4972,
-62.8729, 24.8391

 64.0760, -47.9378,
18.2331


 127.2494,
-66.3105, 26.4501

 53.2578, -43.7748,
16.5046


 141.5161,
-69.6638, 28.0540

 43.1279, -39.3534,
14.7208

 156.2794,
-72.9443, 29.6536

 33.7368, -34.5988,
12.8598

171.5231,
-76.1615, 31.2513

 25.1480, -29.4004,
10.8880

187.2326,

 17.4448, -23.7106,

-79.3233, 32.8491

8.7523

203.3943,
-82.4362, 34.4484

■ 10.7440, -18.8020,
7.5208

■ 1.5467, -2.7068,
1.0827

■ 87.6189, -55.6860,
21.5807

■ 87.6189, -55.6860,
21.5807

■ 86.8625, -59.2480,
24.4692

■ 88.6240, -51.1317,
18.7534

■ 86.3311, -61.8821,
27.3722

■ 89.8929, -45.5676,
16.0337

■ 85.9869, -63.7232,
30.2310

■ 91.4357, -39.0071,
13.4608

■ 85.9467, -63.9448,
30.6126

■ 93.2571, -31.4925,
11.0682

■ 95.3574, -23.0875,
8.8835

■ 97.7336, -13.8707,
6.9269

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.



87.6191, -41.6881, 38.3606



87.6189, -55.6860, 21.5807



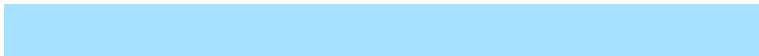
87.6191, -57.2505, -7.4442

Triad

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



87.6191, -55.6851, 21.5800



87.6191, 7.6588, -74.2964



87.6191, 46.5700, 35.2623

Complementary

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



87.6189, -55.6860, 21.5807



54.0076, 69.2017, 3.2743

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.



87.6191, 64.2386, 15.4440



87.6189, -55.6860, 21.5807



87.6191, 39.7174, -51.6663

Square

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



87.6191, -55.6851, 21.5800



87.6191, -23.6001, -70.7779



87.6191, 61.5648, -16.2163



87.6191, 15.9959, 44.0747

Rectangle

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



87.6189, -55.6860, 21.5807



87.6191, -51.3401, -31.3758



87.6191, 61.5648, -16.2163



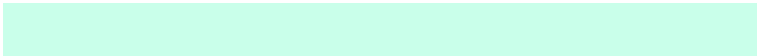
87.6191, 54.4009, 30.0358

Sweetspot

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



87.6191, -55.6851, 21.5800



94.8335, -25.1601, 9.3823



88.6474, -54.8831, 48.5865



43.6016, -12.7278, 4.6164

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.6191, -55.6851, 21.5800



86.6594, -60.2363, 25.4499



83.5370, -35.5303, -16.2943



45.1143, -6.8062, 3.2799



62.1515, -46.0729, 21.7742



19.4489, -14.0353, 5.9888

Inverse Universe

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



54.0076, 69.2017, 3.2743



49.7733, 78.3386, 7.5727



55.2108, 55.3665, 26.8386



42.5508, 2.3294, 1.5995



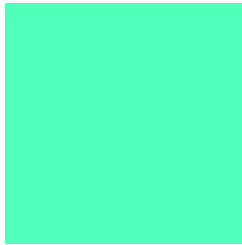
34.0916, 59.8894, 10.3514



10.7350, 19.0433, 1.8262

Previews

White Background



This preview shows how the HunterLab color 87.6189, -55.6860, 21.5807 looks on a white background.

Color Contrast Check

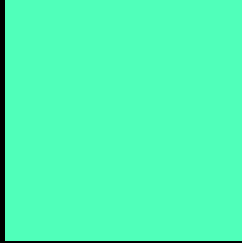
Large Text (above 18pt) WCAG AA × Fail

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 87.6189, -55.6860, 21.5807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

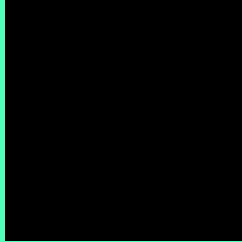
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

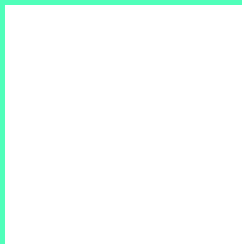
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 87.6189, -55.6860, 21.5807 Background



This preview shows how black text looks on a background with the HunterLab color 87.6189, -55.6860, 21.5807.



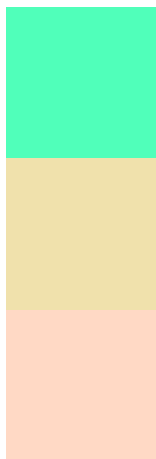
This preview shows how white text looks on a background with the HunterLab color 87.6189, -55.6860, 21.5807.

-55.6860, 21.5807.

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

87.6189, -55.6860, 21.5807

Protanopia

86.8068, -7.3408, 26.7037

Deuteranopia

86.5546, 5.5330, 17.2473



Tritanopia

87.3015, -25.6851, -10.9068

Trichromacy



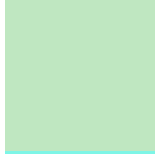
Original Color

87.6189, -55.6860, 21.5807



Protanomaly

85.5046, -30.1745, 23.3168



Deuteranomaly

84.8990, -23.0807, 16.6767



Tritanomaly

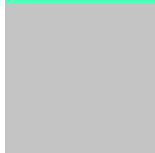
86.8640, -37.8819, 1.7635

Monochromacy



Original Color

87.6189, -55.6860, 21.5807



Achromatopsia

73.8732, -3.9417, 4.0137



Achromatomaly

77.5911, -26.5921, 9.2390

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.6189, -55.6860, 21.5807 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(80, 255, 186)` looks like.

```
.text, #text, p{  
    color:rgb(80, 255, 186)  
}
```

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(80, 255, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 255, 186) }
```

Border

The CSS property to change the border of an element to HunterLab 87.6189, -55.6860, 21.5807 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(80, 255, 186) }
```


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

```
.border{ border-color:rgb(80, 255, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 255, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 255, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 255, 186);  
box-shadow:4px 4px 4px 4px rgb(80, 255,  
186) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.6189, -55.6860, 21.5807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 255, 186) }
```

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

```
.background{ background-color: rgb(80, 255,  
186) }
```

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