

Converting Colors

HunterLab(68.9776, -33.1246,
21.2560)

Have a look what the booklet for
HunterLab(68.9776, -33.1246,
21.2560) contains.

HunterLab(68.9776, -33.1246, 21.2560)	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(68.9776,
-33.1246, 21.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	7EC88A
RGB	126, 200, 138
RGB Percent	49%, 78%, 54%
CMY	0.5059, 0.2157, 0.4588
CMYK	0.37, 0.00, 0.31, 0.22
HSL	130°, 40%, 64%
HSV	130°, 37%, 78%
XYZ	33.8459, 47.5791, 31.4446
YIQ	170.8060, -24.2020, -34.9700

Conversions

Conversions Part 2

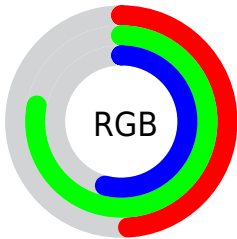
Format	Color
RYB	126, 190, 200
Decimal	8308874
CIELab	74.56, -35.94, 23.94
CIElCh	75, 43.184, 146.335
Yxy	47.5811, 0.2999, 0.4215
Android (android.graphics.Color)	4286498954 (0xFF7EC88A)
YUV	170.8060, -16.1734, -39.2949
Hunter-Lab	68.9776, -33.1246, 21.2560

Details

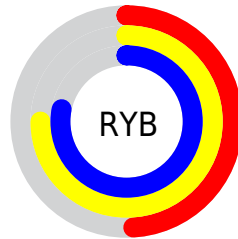
The HunterLab color $68.9776, -33.1246, 21.2560$ is a light color, and the websafe version is hex $66CC99$. A complement of this color would be $55.5273, 32.5661, -16.0169$, and the grayscale version is $63.8083, -3.4046, 3.4668$.

A 20% lighter version of the original color is $92.2765, -37.0428, 24.1696$, and $47.6223, -27.9100, 17.3615$ is the 20% darker color. If you saturate the color by 10%, you get $67.6469, -39.0486, 25.0765$, and if you desaturate by 10%, it is $70.5549, -26.3069, 17.0450$.

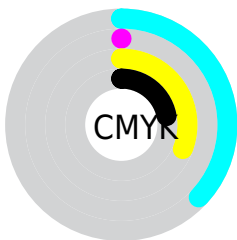
Distribution



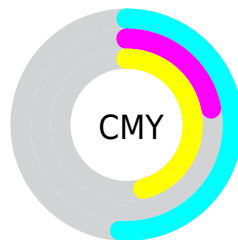
- Red (49%)
- Green (78%)
- Blue (54%)



- Red (49%)
- Yellow (75%)
- Blue (78%)



- Cyan (37%)
- Magenta (0%)
- Yellow (31%)
- Black (22%)



- Cyan (51%)
- Magenta (22%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.9776, -33.1246, 21.2560 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 68.9776, -33.1246, 21.2560 by changing the saturation by 10% instead.

■ 68.9776, -33.1246,
21.2560

■ 68.9776, -33.1246,
21.2560

194.1982,
-53.9429, 37.3244

■ 57.8751, -30.5339,
19.3299

■ 93.0486, -38.0621,
24.9724

■ 47.4406, -27.8292,
17.3372

■ 105.9540,
-40.4376, 26.7821

■ 37.7217, -24.9774,
15.2558

■ 119.4065,
-42.7663, 28.5695

■ 28.7755, -21.9268,
13.0523

133.3845,
-45.0562, 30.3398

■ 20.6756, -18.5957,
10.6758

147.8690,
-47.3139, 32.0973

■ 13.5220, -15.0217,
9.1083

162.8429,

■ 7.1050, -12.4338,

-49.5448, 33.8455

4.9735

178.2906,
-51.7532, 35.5871

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.9776, -33.1246,
21.2560

■ 68.9776, -33.1246,
21.2560

■ 67.6469, -39.0486,
25.0765

■ 70.5549, -26.3069,
17.0450

■ 66.5569, -44.0186,
28.4586

■ 72.3723, -18.6686,
12.4935

■ 65.7029, -48.0055,
31.3666

■ 74.4260, -10.2992,
7.6565

■ 65.0736, -51.0127,
33.7776


■ 76.7084, -1.2926,
2.5877


■ 64.6516, -53.0838,


■ 79.2099, 8.2580,


35.6835

-2.6625

 64.4093, -54.3200,
37.0915

 81.9200, 18.2641,
-8.0489

 64.3561, -54.5936,
37.4125

 83.5406, 24.6216,
-15.2361

Harmonies

Analogous

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



68.9790, -20.0828, 29.3384



68.9776, -33.1246, 21.2560



68.9790, -38.3235, 6.0751

Triad

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



68.9790, -33.1258, 21.2567



68.9790, -6.1496, -44.2310



68.9790, 34.6906, 18.2167

Complementary

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



68.9776, -33.1246, 21.2560



55.5273, 32.5661, -16.0169

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.



68.9790, 39.5137, 1.3509



68.9776, -33.1246, 21.2560



68.9790, 14.4055, -38.2445

Square

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



68.9790, -33.1258, 21.2567



68.9790, -23.9216, -34.6186



68.9790, 31.7103, -20.0275



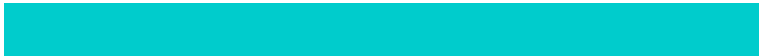
68.9790, 19.1939, 27.9707

Rectangle

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



68.9776, -33.1246, 21.2560



68.9790, -37.1400, -7.4662



68.9790, 31.7103, -20.0275



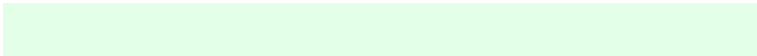
68.9790, 37.6855, 13.3590

Sweetspot

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



68.9790, -33.1258, 21.2567



96.7680, -18.2382, 12.7610



73.2279, -17.5222, 28.8339



44.5971, -9.1397, 6.3093

0.0000, NaN, NaN



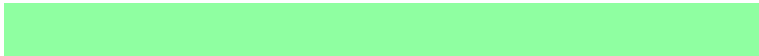
46.2646, -2.4686, 2.5136

Same Dimension

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



68.9790, -33.1258, 21.2567



89.3951, -49.6437, 31.8541



69.8613, -27.9512, 8.5293



34.5188, -5.7677, 4.1234



51.3246, -43.4775, 29.7041



11.2087, -9.2074, 5.8662

Inverse Universe

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



55.5273, 32.5661, -16.0169



68.5186, 52.7868, -26.0552



54.2823, 26.4813, 1.5118



32.8419, 2.3476, -0.5101



30.9938, 58.8805, -24.9537



6.8042, 13.0233, -6.2302

Previews

White Background



This preview shows how the HunterLab color 68.9776, -33.1246, 21.2560 looks on a white background.

Color Contrast Check

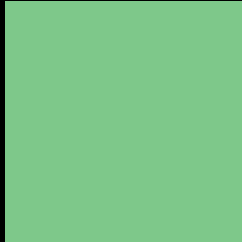
Large Text (above 18pt) WCAG AA × Fail

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 68.9776, -33.1246, 21.2560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

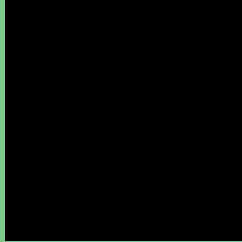
Any Text WCAG AA ✓ Pass

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 68.9776, -33.1246, 21.2560 Background



This preview shows how black text looks on a background with the HunterLab color 68.9776, -33.1246, 21.2560.



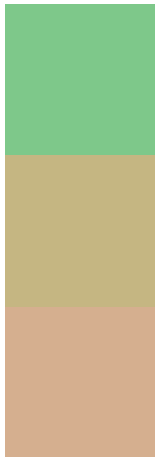
This preview shows how white text looks on a background with the HunterLab color 68.9776,

-33.1246, 21.2560.

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

68.9776, -33.1246, 21.2560

Protanopia

68.5113, -5.8215, 23.8378

Deuteranopia

68.4027, 4.8450, 19.7096



Tritanopia

68.8056, -14.8010, -8.7291

Trichromacy



Original Color

68.9776, -33.1246, 21.2560



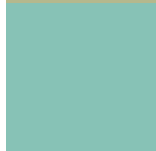
Protanomaly

68.3715, -17.2417, 22.5855



Deuteranomaly

67.8438, -10.8427, 19.5931



Tritanomaly

68.6381, -22.0040, 3.6807

Monochromacy



Original Color

68.9776, -33.1246, 21.2560



Achromatopsia

63.8154, -3.4050, 3.4672



Achromatomaly

65.5192, -15.2087, 10.4240

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.9776, -33.1246, 21.2560 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(126, 200, 138)` looks like.

```
.text, #text, p{  
    color:rgb(126, 200, 138)  
}
```

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(126, 200, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 200, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 68.9776, -33.1246, 21.2560 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(126, 200, 138) }
```


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

```
.border{ border-color:rgb(126, 200, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 200, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 200, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 200, 138);  
box-shadow:4px 4px 4px 4px rgb(126, 200,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.9776, -33.1246, 21.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 200, 138) }
```

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

```
.background{ background-color: rgb(126,  
200, 138) }
```

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