

Converting Colors

HunterLab(66.7632, -38.7236,
8.1077)

Have a look what the booklet for
HunterLab(66.7632, -38.7236,
8.1077) contains.

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Color

**HunterLab(66.7814,
-38.6531, 8.0156)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 3CC7A7 |
| RGB | 60, 199, 167 |
| RGB Percent | 24%, 78%, 65% |
| CMY | 0.7647, 0.2196, 0.3451 |
| CMYK | 0.70, 0.00, 0.16, 0.22 |
| HSL | 166°, 55%, 51% |
| HSV | 166°, 70%, 78% |
| XYZ | 29.2620, 44.5976, 43.6252 |
| YIQ | 153.7910, -72.5720, -39.4200 |

Conversions

Conversions Part 2

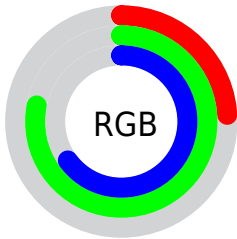
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 60, 139, 199 |
| Decimal | 3983271 |
| CIELab | 72.63, -44.39, 5.36 |
| CIELCh | 73, 44.714, 173.113 |
| Yxy | 44.5993, 0.2491, 0.3796 |
| Android (android.graphics.Color) | 4282173351 (0xFF3CC7A7) |
| YUV | 153.7910, 6.5120, -82.2547 |
| Hunter-Lab | 66.7814, -38.6531, 8.0156 |

Details

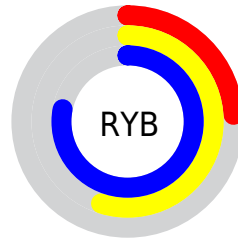
The HunterLab color **66.7814, -38.6531, 8.0156** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **40.1843, 50.0671, 10.6960**, and the grayscale version is **56.7580, -3.0285, 3.0838**.

A 20% lighter version of the original color is **90.0855, -43.9097, 9.2584**, and **46.0264, -29.8667, 6.9447** is the 20% darker color. If you saturate the color by 10%, you get **66.2761, -40.9420, 9.3676**, and if you desaturate by 10%, it is **67.4628, -35.6905, 6.8281**.

Distribution



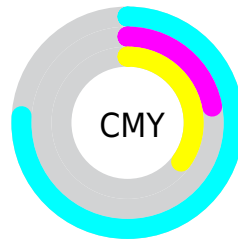
- Red (24%)
- Green (78%)
- Blue (65%)



- Red (24%)
- Yellow (55%)
- Blue (78%)



- Cyan (70%)
- Magenta (0%)
- Yellow (16%)
- Black (22%)



- Cyan (76%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.7814, -38.6531, 8.0156 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 66.7814, -38.6531, 8.0156 by changing the saturation by 10% instead.

■ 66.7814, -38.6531,
8.0156

■ 66.7814, -38.6531,
8.0156

191.0885,
-63.1109, 16.7333

■ 55.8049, -35.5240,
7.1456

■ 90.6194, -44.5542,
9.8148

■ 45.5049, -32.2328,
6.2925

■ 103.4165,
-47.3685, 10.7436

■ 35.9304, -28.7316,
5.4548

■ 116.7650,
-50.1128, 11.6924

■ 27.1414, -24.9482,
4.6288

■ 130.6429,
-52.7983, 12.6611

■ 19.2156, -20.7681,
3.8075

■ 145.0310,
-55.4341, 13.6497

■ 12.2598, -17.8874,
2.9767

159.9115,

■ 5.3931, -9.4379,

-58.0276, 14.6581

3.7752

175.2688,
-60.5848, 15.6860

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.7814, -38.6531,
8.0156

■ 66.7814, -38.6531,
8.0156

■ 66.2761, -40.9420,
9.3676

■ 67.4628, -35.6905,
6.8281

■ 65.9259, -42.6054,
10.8513

■ 68.3285, -32.0309,
5.8276

■ 65.6953, -43.7818,
12.4157


■ 69.3876, -27.6761,
5.0338


■ 65.6920, -43.7987,
12.4395

■ 70.6445, -22.6467,
4.4599


■ 72.1007, -16.9788,

4.1136

 73.7550, -10.7197,
3.9975

 75.6040, -3.9245,
4.1095

 77.6427, 3.3480,
4.4436

 79.8648, 11.0384,
4.9908

Harmonies

Analogous

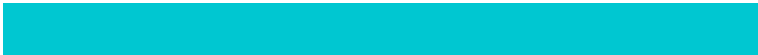
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.7827, -32.5023, 22.5961



66.7814, -38.6531, 8.0156



66.7827, -36.3614, -12.9932

Triad

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



66.7827, -38.6536, 8.0163



66.7827, 12.7791, -41.3831



66.7827, 22.0314, 27.3740

Complementary

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



66.7814, -38.6531, 8.0156



40.1843, 50.0671, 10.6960

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.



66.7827, 37.1062, 16.8505



66.7814, -38.6531, 8.0156



66.7827, 31.3265, -23.3062

Square

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



66.7827, -38.6536, 8.0163



66.7827, -8.2713, -45.9116



66.7827, 40.6995, -1.0645



66.7827, 1.2714, 31.3506

Rectangle

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



66.7814, -38.6531, 8.0156



66.7827, -30.2000, -27.7487



66.7827, 40.6995, -1.0645



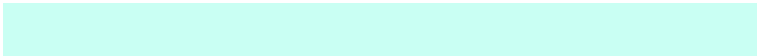
66.7827, 28.0296, 24.6732

Sweetspot

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



66.7827, -38.6536, 8.0163



95.1058, -23.6128, 5.4911



65.9338, -45.8141, 35.9811



43.7432, -11.9193, 2.5914

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.7827, -38.6536, 8.0163



87.4232, -55.4569, 13.4337



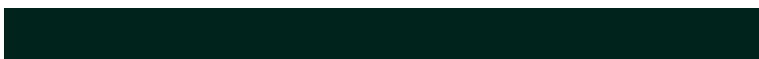
55.5906, -16.7447, -23.6692



34.6759, -4.8913, 1.8774



52.6898, -35.0405, 9.7847



11.5111, -7.3470, 1.4722

Inverse Universe

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



40.1843, 50.0671, 10.6960



48.5512, 76.3482, 19.4097



45.8602, 31.2626, 23.2782



32.6746, 1.4493, 1.8718



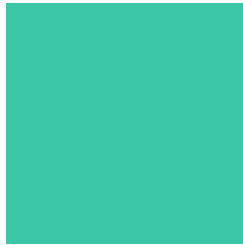
28.1866, 48.7572, 14.4402



6.2266, 10.9525, 1.7811

Previews

White Background



This preview shows how the HunterLab color 66.7814, -38.6531, 8.0156 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 66.7814, -38.6531, 8.0156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

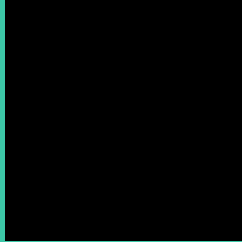
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

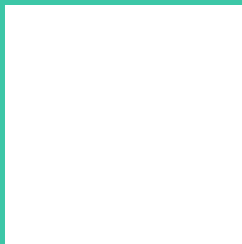
Any Text WCAG AAA ✓ Pass

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

HunterLab 66.7814, -38.6531, 8.0156 Background



This preview shows how black text looks on a background with the HunterLab color 66.7814, -38.6531, 8.0156.



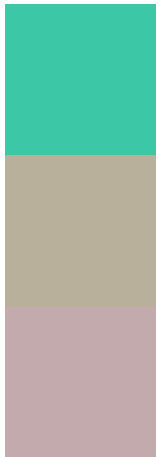
This preview shows how white text looks on a background with the HunterLab color 66.7814, -38.6531, 8.0156.

-38.6531, 8.0156.

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

66.7814, -38.6531, 8.0156

Protanopia

66.1298, -3.8457, 12.8786

Deuteranopia

66.1400, 4.6531, 5.3961



Tritanopia

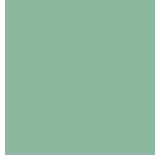
66.6700, -25.9449, -13.0168

Trichromacy



Original Color

66.7814, -38.6531, 8.0156



Protanomaly

65.0843, -20.0630, 9.8727



Deuteranomaly

64.8838, -15.2545, 4.5075



Tritanomaly

66.5896, -30.7516, -4.9502

Monochromacy



Original Color

66.7814, -38.6531, 8.0156



Achromatopsia

56.8457, -3.0331, 3.0885



Achromatomaly

59.3681, -18.5697, 3.4995

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.7814, -38.6531, 8.0156 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(60, 199, 167)` looks like.

```
.text, #text, p{  
    color:rgb(60, 199, 167)  
}
```

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(60, 199, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 199, 167) }
```

Border

The CSS property to change the border of an element to HunterLab 66.7814, -38.6531, 8.0156 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(60, 199, 167) }
```


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

```
.border{ border-color:rgb(60, 199, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 199, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 199, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 199, 167);  
box-shadow:4px 4px 4px 4px rgb(60, 199,  
167) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.7814, -38.6531, 8.0156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 199, 167) }
```

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

```
.background{ background-color: rgb(60, 199,  
167) }
```

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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