

Converting Colors

HunterLab(77.7807, -39.7647,
-6.3398)

Have a look what the booklet for
HunterLab(77.7807, -39.7647,
-6.3398) contains.

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Color

**HunterLab(77.7678,
-39.6543, -6.5391)**

Conversions

Conversions Part 1

Format	Color
Hex	33E2E0
RGB	51, 226, 224
RGB Percent	20%, 89%, 88%
CMY	0.7999, 0.1137, 0.1216
CMYK	0.77, 0.00, 0.01, 0.11
HSL	179°, 75%, 54%
HSV	179°, 77%, 89%
XYZ	42.0161, 60.4783, 79.9800
YIQ	173.4470, -103.6580, -37.7220

Conversions

Conversions Part 2

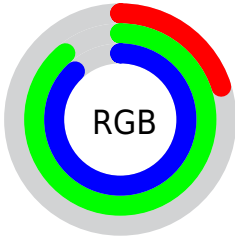
Format	Color
RYB	51, 139, 226
Decimal	3400416
CIELab	82.10, -41.95, -11.32
CIELCh	82, 43.448, 195.104
Yxy	60.4806, 0.2303, 0.3314
Android (android.graphics.Color)	4281590496 (0xFF33E2E0)
YUV	173.4470, 24.9226, -107.3860
Hunter-Lab	77.7678, -39.6543, -6.5391

Details

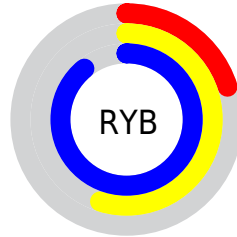
The HunterLab color **77.7678, -39.6543, -6.5391** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **43.3536, 60.7948, 23.1698**, and the grayscale version is **64.7628, -3.4556, 3.5187**.

A 20% lighter version of the original color is **91.2848, -37.1201, -5.8488**, and **56.2263, -30.0260, -5.4606** is the 20% darker color. If you saturate the color by 10%, you get **77.4694, -40.8549, -6.8113**, and if you desaturate by 10%, it is **78.2503, -37.7504, -6.0172**.

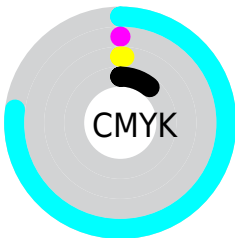
Distribution



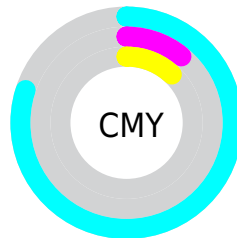
- Red (20%)
- Green (89%)
- Blue (88%)



- Red (20%)
- Yellow (55%)
- Blue (89%)



- Cyan (77%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (80%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.7678, -39.6543, -6.5391 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 77.7678, -39.6543, -6.5391 by changing the saturation by 10% instead.

77.7678, -39.6543,
-6.5391

77.7678, -39.6543,
-6.5391

206.4865,
-62.6382, -3.2132

66.1862, -36.7880,
-6.6808

102.7261,
-45.1186, -6.0962

55.2432, -33.8027,
-6.7656

116.0460,
-47.7472, -5.8041

44.9802, -30.6665,
-6.7871

129.8965,
-50.3221, -5.4686

35.4456, -27.3332,
-6.7389

144.2580,
-52.8516, -5.0919

26.7001, -23.7339,
-6.6134

159.1129,
-55.3428, -4.6763

18.8225, -19.7580,
-6.4031

174.4454,

11.9218, -17.1341,

-57.8012, -4.2235

-6.1056

190.2410,
-60.2317, -3.7354

■ 4.8202, -8.4353,
-9.5008

0.0000, NaN, NaN

■ 77.7678, -39.6543,
-6.5391

■ 77.7678, -39.6543,
-6.5391

■ 77.4694, -40.8549,
-6.8113

■ 78.2503, -37.7504,
-6.0172

■ 77.3213, -41.4590,
-6.8756

■ 78.9322, -35.0807,
-5.2258

■ 77.2948, -41.5690,
-6.8762

■ 79.8295, -31.6130,
-4.1508

■ 80.9518, -27.3400,
-2.7879

■ 82.3049, -22.2768,
-1.1408

■ 83.8912, -16.4569,
0.7808

■ 85.7100, -9.9279,
2.9616

■ 87.7579, -2.7478,
5.3828

■ 90.0295, 5.0196,
8.0234

Harmonies

Analogous

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



77.7693, -39.6854, 13.5371



77.7678, -39.6543, -6.5391



77.7693, -30.8297, -28.4645

Triad

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



77.7693, -39.6545, -6.5380



77.7693, 26.8059, -28.3263



77.7693, 6.5806, 33.1094

Complementary

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



77.7678, -39.6543, -6.5391



43.3536, 60.7948, 23.1698

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.



77.7693, 26.6863, 26.9560



77.7678, -39.6543, -6.5391



77.7693, 39.1839, -6.3843

Square

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



77.7693, -39.6545, -6.5380



77.7693, 6.7303, -43.1507



77.7693, 39.1379, 13.6548



77.7693, -14.4703, 33.0889

Rectangle

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



77.7678, -39.6543, -6.5391



77.7693, -20.5460, -39.6744



77.7693, 39.1379, 13.6548



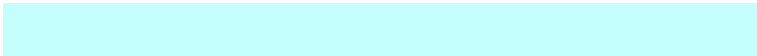
77.7693, 13.7198, 31.7858

Sweetspot

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



77.7693, -39.6545, -6.5380



95.1208, -22.7951, -0.4040



74.4419, -59.9862, 42.3249



43.7126, -11.6328, -0.5445

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.7693, -39.6545, -6.5380



88.7094, -47.3422, -7.8791



50.3693, -0.6793, -53.6719



39.4582, -5.2239, 1.1574



58.3820, -31.3905, -5.2094



15.3735, -8.2472, -1.4122

Inverse Universe

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



43.3536, 60.7948, 23.1698



46.6265, 77.6041, 29.2143



58.2254, 22.9080, 33.0885



37.0177, 1.3463, 3.0695



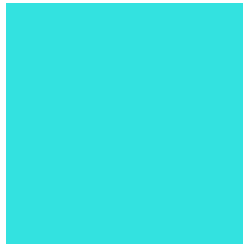
30.3788, 52.0391, 19.5175



8.0037, 13.7217, 5.0542

Previews

White Background



This preview shows how the HunterLab color 77.7678, -39.6543, -6.5391 looks on a white background.

Color Contrast Check

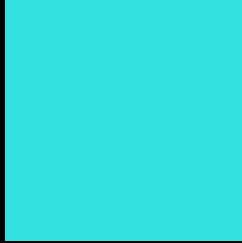
Large Text (above 18pt) WCAG AA × Fail

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 77.7678, -39.6543, -6.5391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

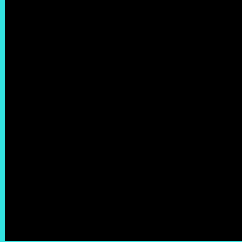
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

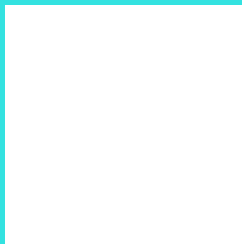
Any Text WCAG AAA ✓ Pass

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

HunterLab 77.7678, -39.6543, -6.5391 Background



This preview shows how black text looks on a background with the HunterLab color 77.7678, -39.6543, -6.5391.



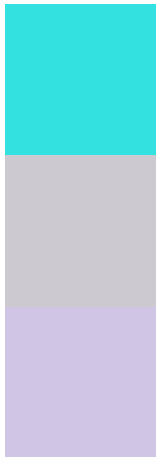
This preview shows how white text looks on a background with the HunterLab color 77.7678,

-39.6543, -6.5391.

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

77.7678, -39.6543, -6.5391

Protanopia

76.9507, -1.7535, 0.9086

Deuteranopia

76.9422, 5.8079, -10.1747



Tritanopia

77.6209, -33.6295, -16.3252

Trichromacy



Original Color

77.7678, -39.6543, -6.5391



Protanomaly

75.6598, -20.5838, -3.5929



Deuteranomaly

75.7553, -15.9165, -11.0443



Tritanomaly

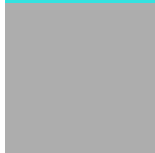
77.6338, -35.8082, -12.8151

Monochromacy



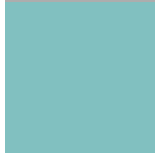
Original Color

77.7678, -39.6543, -6.5391



Achromatopsia

64.6440, -3.4492, 3.5122



Achromatomaly

67.9501, -20.6201, -2.0039

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.7678, -39.6543, -6.5391 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(51, 226, 224)` looks like.

```
.text, #text, p{  
    color:rgb(51, 226, 224)  
}
```

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(51, 226, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 226, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 77.7678, -39.6543, -6.5391 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(51, 226, 224) }
```


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

```
.border{ border-color:rgb(51, 226, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 226, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 226, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 226, 224);  
box-shadow:4px 4px 4px 4px rgb(51, 226,  
224) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.7678, -39.6543, -6.5391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 226, 224) }
```

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

```
.background{ background-color: rgb(51, 226,  
224) }
```

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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