

Converting Colors

HunterLab(77.6210, -40.7790,
-2.5077)

Have a look what the booklet for
HunterLab(77.6210, -40.7790,
-2.5077) contains.

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Color

**HunterLab(77.6210,
-40.7790, -2.5077)**

Conversions

Conversions Part 1

Format	Color
Hex	3AE2D8
RGB	58, 226, 216
RGB Percent	23%, 89%, 85%
CMY	0.7725, 0.1137, 0.1529
CMYK	0.74, 0.00, 0.04, 0.11
HSL	176°, 74%, 56%
HSV	176°, 74%, 89%
XYZ	41.3360, 60.2502, 74.4167
YIQ	174.6280, -96.9180, -38.7260

Conversions

Conversions Part 2

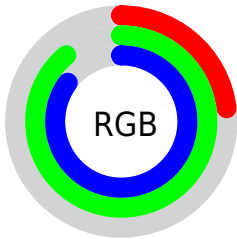
Format	Color
R _{YB}	58, 145, 226
Decimal	3859160
CIE Lab	81.98, -43.48, -7.25
CIE LCh	82, 44.081, 189.465
Yxy	60.2525, 0.2349, 0.3423
Android (android.graphics.Color)	4282049240 (0xFF3AE2D8)
YUV	174.6280, 20.3964, -102.2828
Hunter-Lab	77.6210, -40.7790, -2.5077

Details

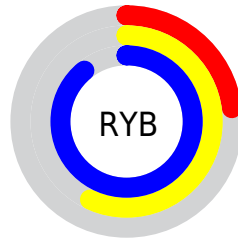
The HunterLab color **77.6210, -40.7790, -2.5077** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **44.2878, 59.2197, 21.0025**, and the grayscale version is **65.2690, -3.4826, 3.5462**.

A 20% lighter version of the original color is **91.4141, -36.6253, -5.6737**, and **55.9667, -31.5774, -1.7869** is the 20% darker color. If you saturate the color by 10%, you get **77.2320, -42.4159, -2.3295**, and if you desaturate by 10%, it is **78.2015, -38.4122, -2.4354**.

Distribution



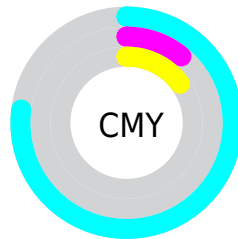
- Red (23%)
- Green (89%)
- Blue (85%)



- Red (23%)
- Yellow (57%)
- Blue (89%)



- Cyan (74%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)





- Cyan (77%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.6210, -40.7790, -2.5077 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 77.6210, -40.7790, -2.5077 by changing the saturation by 10% instead.


 77.6210, -40.7790,
-2.5077


 77.6210, -40.7790,
-2.5077


206.2832,
-64.3925, 2.0916


 66.0471, -37.8228,
-2.8147


 102.5650,
-46.4072, -1.7514

 55.1122, -34.7406,
-3.0711


 115.8782,
-49.1112, -1.3102

 44.8579, -31.4989,
-3.2709


 129.7223,
-51.7579, -0.8301

 35.3327, -28.0495,
-3.4078

 144.0776,
-54.3561, -0.3130

 26.5974, -24.3197,
-3.4736

158.9266,
-56.9132, 0.2392

 18.7311, -20.1939,
-3.4578

174.2532,

 11.8433, -17.7323,

-59.4351, 0.8250

-3.3465

190.0432,
-61.9268, 1.4428

■ 4.6762, -8.1834,
-6.1711

0.0000, NaN, NaN

■ 77.6210, -40.7790,
-2.5077

■ 77.6210, -40.7790,
-2.5077

■ 77.2320, -42.4159,
-2.3295

■ 78.2015, -38.4122,
-2.4354


■ 77.0056, -43.4064,
-1.9373


■ 78.9867, -35.2649,
-2.0929


■ 76.9258, -43.7753,
-1.6523


■ 79.9908, -31.3159,
-1.4655


■ 81.2219, -26.5684,
-0.5477

 82.6844, -21.0464,
0.6586

 84.3794, -14.7904,
2.1454

 86.3049, -7.8539,
3.8996

 88.4569, -0.2984,
5.9042

 90.1456, 5.5197,
7.3150

Harmonies

Analogous

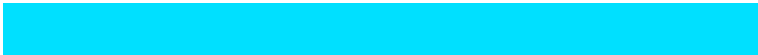
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.6225, -39.1128, 16.7650



77.6210, -40.7790, -2.5077



77.6225, -33.4865, -25.0739

Triad

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



77.6225, -40.7793, -2.5067



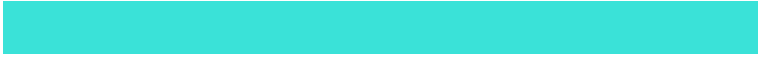
77.6225, 23.8435, -32.5719



77.6225, 10.8562, 32.7160

Complementary

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



77.6210, -40.7790, -2.5077



44.2878, 59.2197, 21.0025

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.



77.6225, 30.3259, 25.2528



77.6210, -40.7790, -2.5077



77.6225, 38.3709, -10.8339

Square

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



77.6225, -40.7793, -2.5067



77.6225, 2.7527, -45.2855



77.6225, 40.8639, 10.4034



77.6225, -10.8117, 33.8152

Rectangle

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



77.6210, -40.7790, -2.5077



77.6225, -24.0066, -37.7278



77.6225, 40.8639, 10.4034



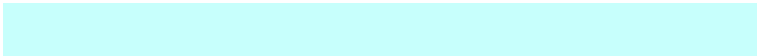
77.6225, 17.9372, 30.9889

Sweetspot

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



77.6225, -40.7793, -2.5067



95.2130, -22.6359, 1.1006



74.8152, -58.3231, 41.9063



43.8185, -11.3351, 0.3106

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.6225, -40.7793, -2.5067



88.4012, -49.3189, -2.4621



54.0752, -5.8404, -45.6743



39.4430, -5.3084, 1.3739



58.1076, -33.0307, -1.3257



15.3126, -8.6111, -0.5504

Inverse Universe

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



44.2878, 59.2197, 21.0025



47.1772, 76.6030, 27.7099



57.1454, 25.6262, 31.5066



37.0320, 1.4237, 2.8643



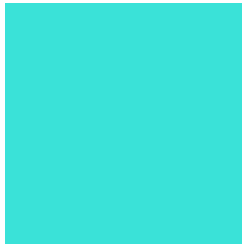
30.4093, 52.1523, 19.0644



8.0355, 13.8398, 4.5826

Previews

White Background



This preview shows how the HunterLab color 77.6210, -40.7790, -2.5077 looks on a white background.

Color Contrast Check

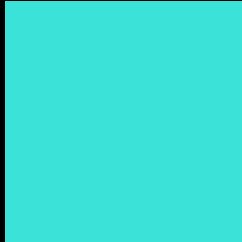
Large Text (above 18pt) WCAG AA × Fail

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 77.6210, -40.7790, -2.5077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

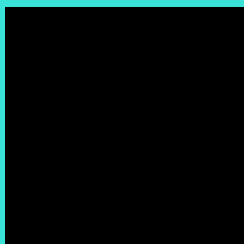
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

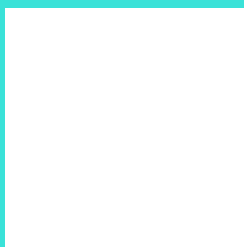
Any Text WCAG AAA ✓ Pass

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

HunterLab 77.6210, -40.7790, -2.5077 Background



This preview shows how black text looks on a background with the HunterLab color 77.6210, -40.7790, -2.5077.



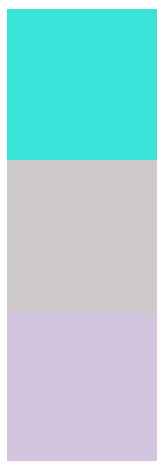
This preview shows how white text looks on a background with the HunterLab color 77.6210,

-40.7790, -2.5077.

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

77.6210, -40.7790, -2.5077

Protanopia

76.8844, -2.4847, 4.7194

Deuteranopia

76.9438, 5.2425, -5.7473



Tritanopia

77.4530, -32.5872, -15.9504

Trichromacy



Original Color

77.6210, -40.7790, -2.5077



Protanomaly

75.6471, -21.1582, 0.4766



Deuteranomaly

75.7278, -16.5897, -6.6400



Tritanomaly

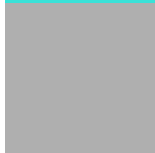
77.3135, -35.5700, -10.9594

Monochromacy



Original Color

77.6210, -40.7790, -2.5077



Achromatopsia

65.4745, -3.4936, 3.5574



Achromatomaly

68.7072, -21.2500, -0.0731

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.6210, -40.7790, -2.5077 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(58, 226, 216)` looks like.

```
.text, #text, p{  
    color:rgb(58, 226, 216)  
}
```

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(58, 226, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 226, 216) }
```

Border

The CSS property to change the border of an element to HunterLab 77.6210, -40.7790, -2.5077 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(58, 226, 216) }
```


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

```
.border{ border-color:rgb(58, 226, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 226, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 226, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 226, 216);  
box-shadow:4px 4px 4px 4px rgb(58, 226,  
216) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.6210, -40.7790, -2.5077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 226, 216) }
```

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

```
.background{ background-color: rgb(58, 226,  
216) }
```

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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