

Converting Colors

HunterLab(76.5961, -39.2630,
8.8023)

Have a look what the booklet for
HunterLab(76.5961, -39.2630,
8.8023) contains.

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Color

**HunterLab(76.5961,
-39.2630, 8.8023)**

Conversions

Conversions Part 1

Format	Color
Hex	64DEBE
RGB	100, 222, 190
RGB Percent	39%, 87%, 75%
CMY	0.6078, 0.1294, 0.2549
CMYK	0.55, 0.00, 0.14, 0.13
HSL	164°, 65%, 63%
HSV	164°, 55%, 87%
XYZ	40.6711, 58.6696, 57.8960
YIQ	181.8740, -62.4400, -35.8160

Conversions

Conversions Part 2

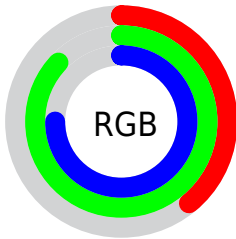
Format	Color
RYB	100, 170, 222
Decimal	6610622
CIELab	81.11, -41.80, 5.40
CIELCh	81, 42.146, 172.635
Yxy	58.6719, 0.2587, 0.3731
Android (android.graphics.Color)	4284800702 (0xFF64DEBE)
YUV	181.8740, 4.0061, -71.8035
Hunter-Lab	76.5961, -39.2630, 8.8023

Details

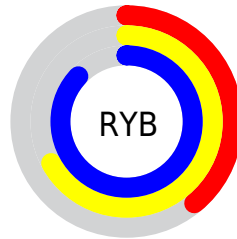
The HunterLab color **76.5961, -39.2630, 8.8023** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **51.2947, 45.4219, 7.1677**, and the grayscale version is **68.3460, -3.6468, 3.7134**.

A 20% lighter version of the original color is **92.4904, -33.1461, 0.5204**, and **54.1662, -33.3042, 6.8883** is the 20% darker color. If you saturate the color by 10%, you get **75.7127, -43.1007, 10.3114**, and if you desaturate by 10%, it is **77.7012, -34.6189, 7.5025**.

Distribution



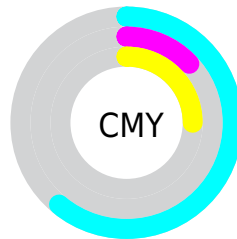
- Red (39%)
- Green (87%)
- Blue (75%)



- Red (39%)
- Yellow (67%)
- Blue (87%)



- Cyan (55%)
- Magenta (0%)
- Yellow (14%)
- Black (13%)





- Cyan (61%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.5961, -39.2630, 8.8023 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 76.5961, -39.2630, 8.8023 by changing the saturation by 10% instead.


 76.5961, -39.2630,
8.8023


 76.5961, -39.2630,
8.8023


204.8622,
-62.2286, 17.6847


 65.0762, -36.3953,
7.9146


 101.4400,
-44.7277, 10.6387


 54.1985, -33.4059,
7.0445


 114.7063,
-47.3549, 11.5861

 44.0051, -30.2626,
6.1915


 128.5053,
-49.9278, 12.5535

 34.5455, -26.9178,
5.3534

 142.8172,
-52.4548, 13.5406

 25.8819, -23.2995,
4.5259

157.6241,
-54.9431, 14.5475

 18.0953, -19.2919,
3.7011

172.9101,

 11.2987, -17.4227,

-57.3984, 15.5740

2.8630

188.6605,
-59.8256, 16.6198

■ 3.5070, -6.1372,
2.4549

0.0000, NaN, NaN

■ 76.5961, -39.2630,
8.8023

■ 76.5961, -39.2630,
8.8023

■ 75.7127, -43.1007,
10.3114

■ 77.7012, -34.6189,
7.5025

■ 75.0351, -46.1408,
11.9994

■ 79.0304, -29.1804,
6.4308

■ 74.5477, -48.4250,
13.8335

■ 80.5886, -22.9827,
5.6029

■ 74.2269, -50.0315,
15.7731

■ 82.3758, -16.0761,
5.0276

■ 74.1057, -50.6734,
16.7637

■ 84.3891, -8.5219,
4.7079

■ 86.6234, -0.3875,
4.6416

■ 89.0286, 8.1127,
4.7685

■ 89.2161, 9.1116,
2.0973

■ 89.4093, 10.1391,
-0.6506

Harmonies

Analogous

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



76.5976, -32.8601, 23.5458



76.5961, -39.2630, 8.8023



76.5976, -37.0592, -11.6394

Triad

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



76.5976, -39.2637, 8.8032



76.5976, 11.6095, -38.9234



76.5976, 21.2171, 28.3065

Complementary

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



76.5961, -39.2630, 8.8023



51.2947, 45.4219, 7.1677

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.



76.5976, 35.6109, 17.1936



76.5961, -39.2630, 8.8023



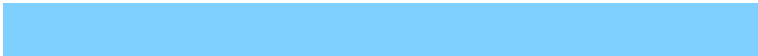
76.5976, 29.6712, -22.1309

Square

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



76.5976, -39.2637, 8.8032



76.5976, -9.0582, -42.8787



76.5976, 38.8564, -0.7732



76.5976, 1.0058, 32.7272

Rectangle

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



76.5961, -39.2630, 8.8023



76.5976, -30.8835, -25.6807



76.5976, 38.8564, -0.7732



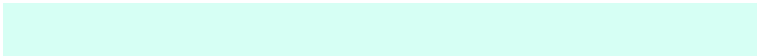
76.5976, 26.9795, 25.3948

Sweetspot

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



76.5976, -39.2637, 8.8032



96.1228, -19.7956, 5.9457



76.2324, -44.3755, 36.8193



44.2630, -9.9552, 2.8074

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.5976, -39.2637, 8.8032



88.4464, -51.0432, 12.3592



68.0894, -20.5065, -18.5814



39.3799, -5.6598, 2.2744



57.1291, -38.9508, 12.6773



15.0887, -9.9622, 2.6460

Inverse Universe

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



51.2947, 45.4219, 7.1677



54.4633, 64.3345, 11.3696



56.5790, 27.8336, 22.7156



37.0935, 1.7546, 1.9866



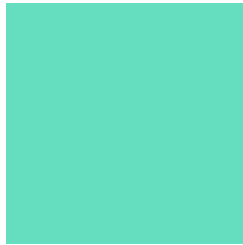
30.6965, 53.2152, 14.8234



8.1712, 14.3400, 2.5941

Previews

White Background



This preview shows how the HunterLab color 76.5961, -39.2630, 8.8023 looks on a white background.

Color Contrast Check

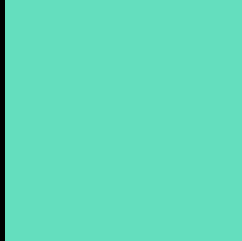
Large Text (above 18pt) WCAG AA × Fail

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 76.5961, -39.2630, 8.8023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

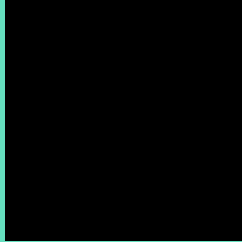
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

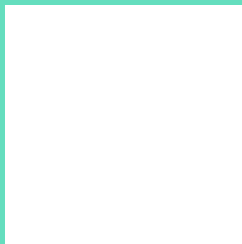
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.5961, -39.2630, 8.8023 Background



This preview shows how black text looks on a background with the HunterLab color 76.5961, -39.2630, 8.8023.



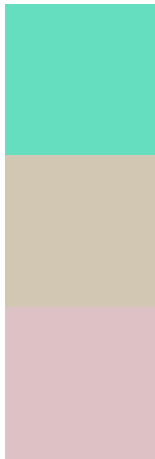
This preview shows how white text looks on a background with the HunterLab color 76.5961, -39.2630, 8.8023.

-39.2630, 8.8023.

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

76.5961, -39.2630, 8.8023

Protanopia

75.9055, -4.0753, 13.8017

Deuteranopia

75.8272, 5.8436, 5.9918



Tritanopia

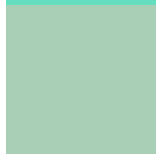
76.5326, -26.1702, -13.0216

Trichromacy



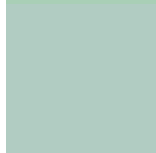
Original Color

76.5961, -39.2630, 8.8023



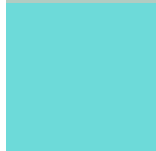
Protanomaly

75.1253, -19.5142, 11.0227



Deuteranomaly

75.1185, -13.9237, 5.7596



Tritanomaly

76.4224, -31.1960, -4.3842

Monochromacy



Original Color

76.5961, -39.2630, 8.8023



Achromatopsia

68.3947, -3.6494, 3.7160



Achromatomaly

70.7889, -18.8010, 4.8475

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.5961, -39.2630, 8.8023 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(100, 222, 190)` looks like.

```
.text, #text, p{  
    color:rgb(100, 222, 190)  
}
```

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(100, 222, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 222, 190) }
```

Border

The CSS property to change the border of an element to HunterLab 76.5961, -39.2630, 8.8023 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(100, 222, 190) }
```


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

```
.border{ border-color:rgb(100, 222, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 222, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 222, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 222, 190);  
box-shadow:4px 4px 4px 4px rgb(100, 222,  
190) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.5961, -39.2630, 8.8023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 222, 190) }
```

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

```
.background{ background-color: rgb(100,  
222, 190) }
```

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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