

Converting Colors

HunterLab(79.1194, -42.3940,
1.8285)

Have a look what the booklet for
HunterLab(79.1194, -42.3940,
1.8285) contains.

HunterLab(79.1194, -42.3940, 1.8285)	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(79.1194,
-42.3940, 1.8285)**

Conversions

Conversions Part 1

Format	Color
Hex	46E6D3
RGB	70, 230, 211
RGB Percent	27%, 90%, 83%
CMY	0.7255, 0.0980, 0.1725
CMYK	0.70, 0.00, 0.08, 0.10
HSL	173°, 76%, 59%
HSV	173°, 70%, 90%
XYZ	42.5804, 62.5988, 71.4664
YIQ	179.9940, -89.2610, -39.8290

Conversions

Conversions Part 2

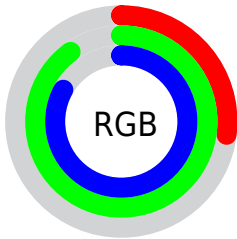
Format	Color
RYB	70, 155, 230
Decimal	4646611
CIELab	83.23, -45.13, -2.72
CIELCh	83, 45.217, 183.452
Yxy	62.6012, 0.2411, 0.3544
Android (android.graphics.Color)	4282836691 (0xFF46E6D3)
YUV	179.9940, 15.2860, -96.4647
Hunter-Lab	79.1194, -42.3940, 1.8285

Details

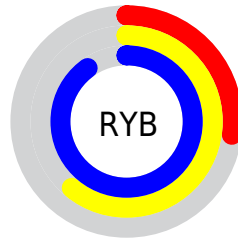
The HunterLab color **79.1194, -42.3940, 1.8285** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **46.8256, 57.6839, 17.8938**, and the grayscale version is **67.5225, -3.6028, 3.6686**.

A 20% lighter version of the original color is **91.7296, -35.4203, -5.2470**, and **57.1895, -33.8440, 1.5776** is the 20% darker color. If you saturate the color by 10%, you get **78.5923, -44.6691, 2.4963**, and if you desaturate by 10%, it is **79.8527, -39.3378, 1.4127**.

Distribution



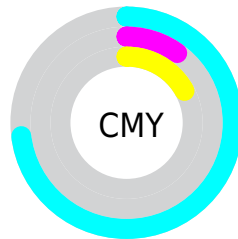
- Red (27%)
- Green (90%)
- Blue (83%)



- Red (27%)
- Yellow (61%)
- Blue (90%)



- Cyan (70%)
- Magenta (0%)
- Yellow (8%)
- Black (10%)





- Cyan (73%)
- Magenta (10%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 79.1194, -42.3940, 1.8285 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 79.1194, -42.3940, 1.8285 by changing the saturation by 10% instead.


 79.1194, -42.3940,
1.8285


 79.1194, -42.3940,
1.8285


208.3556,
-66.6236, 7.9461


 67.4675, -39.3566,
1.3191


 104.2084,
-48.1757, 2.9641


 56.4501, -36.1896,
0.8503


 117.5895,
-50.9522, 3.5840

 46.1078, -32.8596,
0.4263


 131.4989,
-53.6690, 4.2368

 36.4879, -29.3182,
0.0517

 145.9172,
-56.3350, 4.9208

 27.6494, -25.4938,
-0.2681

160.8270,
-58.9579, 5.6348

 19.6687, -21.2731,
-0.5250

176.2127,

 12.6504, -18.0391,

-61.5436, 6.3777

-0.7076

192.0599,
-64.0974, 7.1485

■ 5.9818, -10.4681,
-1.5609

0.0000, NaN, NaN

■ 79.1194, -42.3940,
1.8285

■ 79.1194, -42.3940,
1.8285

■ 78.5923, -44.6691,
2.4963

■ 79.8527, -39.3378,
1.4127

■ 78.2456, -46.2279,
3.3813


■ 80.8029, -35.4660,
1.2687


■ 78.0414, -47.2170,
4.4296


■ 81.9818, -30.7730,
1.4120


■ 78.0336, -47.2558,
4.4765


■ 83.3955, -25.2764,
1.8495

 85.0463, -19.0127,
2.5809

 86.9337, -12.0333,
3.6000

 89.0541, -4.3995,
4.8955

 91.4020, 3.8214,
6.4523

 91.5902, 4.6291,
5.3513

Harmonies

Analogous

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



79.1209, -38.8213, 20.3534



79.1194, -42.3940, 1.8285



79.1209, -36.7052, -21.4271

Triad

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



79.1209, -42.3944, 1.8295



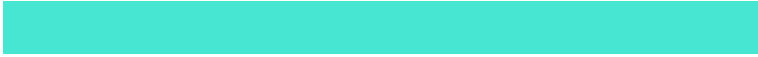
79.1209, 20.6354, -37.4810



79.1209, 15.7150, 32.6444

Complementary

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



79.1194, -42.3940, 1.8285



46.8256, 57.6839, 17.8938

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.



79.1209, 34.5193, 23.5362



79.1194, -42.3940, 1.8285



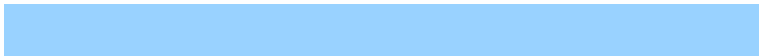
79.1209, 37.5724, -16.0160

Square

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



79.1209, -42.3944, 1.8295



79.1209, -1.6464, -47.7195



79.1209, 42.9109, 6.7065



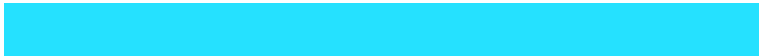
79.1209, -6.7728, 35.0046

Rectangle

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



79.1194, -42.3940, 1.8285



79.1209, -28.0152, -35.6237



79.1209, 42.9109, 6.7065



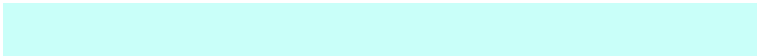
79.1209, 22.7552, 30.4222

Sweetspot

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



79.1209, -42.3944, 1.8295



95.2980, -22.5237, 2.7518



76.9931, -56.4886, 41.9908



43.8437, -11.3473, 1.1588

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.1209, -42.3944, 1.8295



88.1741, -50.9897, 3.1682



60.2243, -12.2165, -36.8081



40.3799, -5.5513, 1.6776



58.7237, -35.4941, 3.2221



15.9896, -9.4908, 0.5023

Inverse Universe

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



46.8256, 57.6839, 17.8938



48.4114, 74.4725, 24.3411



57.3414, 28.9863, 29.8483



37.9417, 1.5659, 2.6747



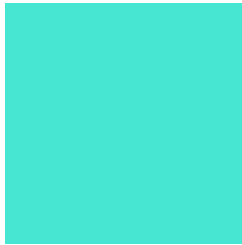
30.9502, 53.1804, 18.6246



8.4681, 14.6586, 4.2568

Previews

White Background



This preview shows how the HunterLab color 79.1194, -42.3940, 1.8285 looks on a white background.

Color Contrast Check

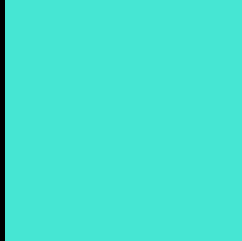
Large Text (above 18pt) WCAG AA × Fail

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 79.1194, -42.3940, 1.8285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

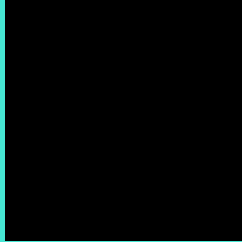
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

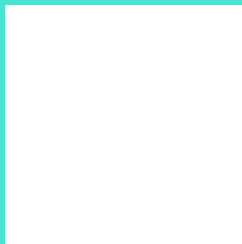
Any Text WCAG AAA ✓ Pass

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

HunterLab 79.1194, -42.3940, 1.8285 Background



This preview shows how black text looks on a background with the HunterLab color 79.1194, -42.3940, 1.8285.



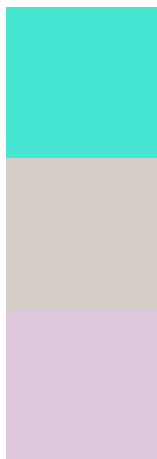
This preview shows how white text looks on a background with the HunterLab color 79.1194,

-42.3940, 1.8285.

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

79.1194, -42.3940, 1.8285

Protanopia

78.4492, -3.5557, 8.3552

Deuteranopia

78.4768, 5.5631, -1.6582



Tritanopia

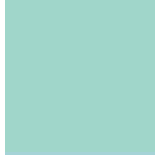
78.9989, -31.6329, -16.1102

Trichromacy



Original Color

79.1194, -42.3940, 1.8285



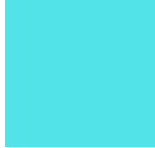
Protanomaly

77.3505, -21.8154, 4.4507



Deuteranomaly

77.1325, -16.7792, -2.1834



Tritanomaly

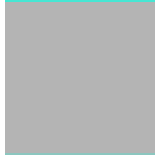
79.0656, -35.8059, -9.1561

Monochromacy



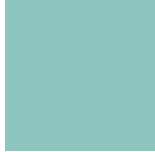
Original Color

79.1194, -42.3940, 1.8285



Achromatopsia

67.5582, -3.6047, 3.6706



Achromatomaly

70.5161, -21.1036, 1.6390

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.1194, -42.3940, 1.8285 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(70, 230, 211)` looks like.

```
.text, #text, p{  
    color:rgb(70, 230, 211)  
}
```

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(70, 230, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 230, 211) }
```

Border

The CSS property to change the border of an element to HunterLab 79.1194, -42.3940, 1.8285 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(70, 230, 211) }
```


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

```
.border{ border-color:rgb(70, 230, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 230, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 230, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 230, 211);  
box-shadow:4px 4px 4px 4px rgb(70, 230,  
211) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.1194, -42.3940, 1.8285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 230, 211) }
```

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

```
.background{ background-color: rgb(70, 230,  
211) }
```

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