

Converting Colors

HunterLab(81.0694, -39.4771,
-0.7656)

Have a look what the booklet for
HunterLab(81.0694, -39.4771,
-0.7656) contains.

HunterLab(81.0694, -39.4771, -0.7656)	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(81.0694,
-39.4771, -0.7656)**

Conversions

Conversions Part 1

Format	Color
Hex	5BE9DD
RGB	91, 233, 221
RGB Percent	36%, 91%, 87%
CMY	0.6431, 0.0863, 0.1333
CMYK	0.61, 0.00, 0.05, 0.09
HSL	175°, 76%, 64%
HSV	175°, 61%, 91%
XYZ	46.5045, 65.7225, 78.6413
YIQ	189.1740, -80.7800, -33.8360

Conversions

Conversions Part 2

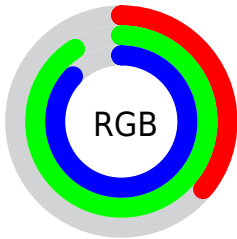
Format	Color
RYB	91, 165, 233
Decimal	6023645
CIELab	84.86, -40.73, -5.55
CIElCh	85, 41.102, 187.767
Yxy	65.7250, 0.2436, 0.3443
Android (android.graphics.Color)	4284213725 (0xFF5BE9DD)
YUV	189.1740, 15.6902, -86.0986
Hunter-Lab	81.0694, -39.4771, -0.7656

Details

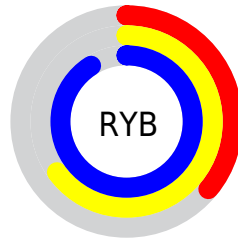
The HunterLab color **81.0694, -39.4771, -0.7656** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **50.7810, 51.0194, 17.1993**, and the grayscale version is **71.3715, -3.8082, 3.8778**.

A 20% lighter version of the original color is **92.5789, -32.1999, -4.1063**, and **58.4786, -33.3378, -1.1264** is the 20% darker color. If you saturate the color by 10%, you get **80.3832, -42.3110, -0.6572**, and if you desaturate by 10%, it is **81.9781, -35.8219, -0.5888**.

Distribution



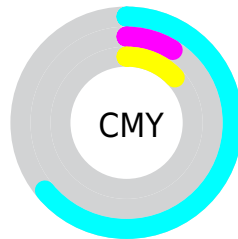
- Red (36%)
- Green (91%)
- Blue (87%)



- Red (36%)
- Yellow (65%)
- Blue (91%)



- Cyan (61%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)



- Cyan (64%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.0694, -39.4771, -0.7656 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 81.0694, -39.4771, -0.7656 by changing the saturation by 10% instead.

81.0694, -39.4771,
-0.7656

81.0694, -39.4771,
-0.7656

211.0433,
-61.8590, 4.4710

69.3175, -36.7085,
-1.1580

106.3445,
-44.7733, 0.1506

58.1944, -33.8327,
-1.5044

119.8128,
-47.3277, 0.6669

47.7395, -30.8219,
-1.7994

133.8061,
-49.8335, 1.2196

37.9986, -27.6361,
-2.0375

148.3053,
-52.2983, 1.8067

29.0286, -24.2160,
-2.2118

163.2934,
-54.7285, 2.4267

20.9024, -20.4685,
-2.3128

178.7550,

13.7190, -16.6047,

-57.1292, 3.0782

-2.3272

194.6759,
-59.5048, 3.7600

■ 7.3320, -12.8310,
-2.7415

0.0000, NaN, NaN

■ 81.0694, -39.4771,
-0.7656

■ 81.0694, -39.4771,
-0.7656

■ 80.3832, -42.3110,
-0.6572

■ 81.9781, -35.8219,
-0.5888

■ 79.8984, -44.3623,
-0.2889


■ 83.1161, -31.3321,
-0.1166


■ 79.5937, -45.7055,
0.3082


■ 84.4917, -26.0207,
0.6571


■ 79.4354, -46.4545,
0.9946

■ 86.1083, -19.9202,
1.7302

 87.9658, -13.0793,
3.0943

 90.0611, -5.5578,
4.7362

 92.3890, 2.5777,
6.6387

 92.5420, 3.2204,
5.8675

 92.6044, 3.5569,
4.9765

Harmonies

Analogous

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



81.0710, -37.3747, 17.2369



81.0694, -39.4771, -0.7656



81.0710, -32.9230, -21.7659

Triad

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



81.0710, -39.4776, -0.7645



81.0710, 20.9741, -30.7482



81.0710, 10.9661, 31.7980

Complementary

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



81.0694, -39.4771, -0.7656



50.7810, 51.0194, 17.1993

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.



81.0710, 28.8730, 24.0108



81.0694, -39.4771, -0.7656



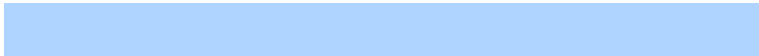
81.0710, 35.0357, -10.9229

Square

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



81.0710, -39.4776, -0.7645



81.0710, 1.0100, -41.6436



81.0710, 38.0600, 9.2699



81.0710, -9.5354, 33.2452

Rectangle

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



81.0694, -39.4771, -0.7656



81.0710, -24.1068, -33.6752



81.0710, 38.0600, 9.2699



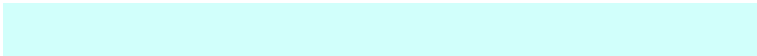
81.0710, 17.5454, 29.9474

Sweetspot

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



81.0710, -39.4776, -0.7645



95.9492, -19.9859, 2.3155



78.7726, -54.2845, 40.1382



44.1251, -10.2329, 0.8823

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



81.0710, -39.4776, -0.7645



88.8974, -47.4976, -0.6548



62.6411, -11.0577, -34.5639



41.3505, -5.6283, 1.5550



59.8431, -34.9465, 0.6408



16.7887, -9.6766, -0.0953

Inverse Universe

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



50.7810, 51.0194, 17.1993



51.1342, 67.5392, 22.8261



62.6088, 21.7351, 29.5854



38.8262, 1.5540, 2.8946



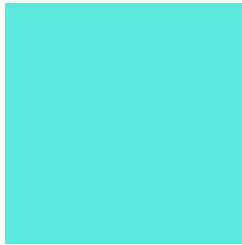
31.4089, 53.9012, 19.4230



8.8419, 15.2542, 4.8438

Previews

White Background



This preview shows how the HunterLab color 81.0694, -39.4771, -0.7656 looks on a white background.

Color Contrast Check

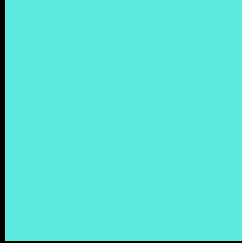
Large Text (above 18pt) WCAG AA × Fail

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 81.0694, -39.4771, -0.7656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

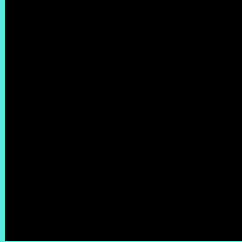
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

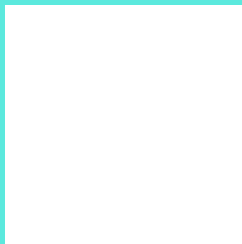
Any Text WCAG AAA ✓ Pass

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

HunterLab 81.0694, -39.4771, -0.7656 Background



This preview shows how black text looks on a background with the HunterLab color 81.0694, -39.4771, -0.7656.



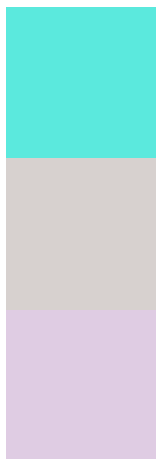
This preview shows how white text looks on a background with the HunterLab color 81.0694,

-39.4771, -0.7656.

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

81.0694, -39.4771, -0.7656

Protanopia

80.3449, -2.6659, 5.8996

Deuteranopia

80.2619, 6.0776, -4.1206



Tritanopia

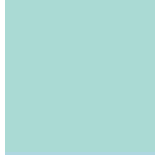
81.0190, -30.6498, -15.6023

Trichromacy



Original Color

81.0694, -39.4771, -0.7656



Protanomaly

79.6507, -19.4202, 2.3752



Deuteranomaly

79.4677, -14.2467, -4.4289



Tritanomaly

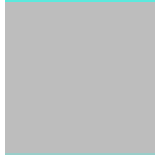
80.8476, -33.8140, -10.0944

Monochromacy



Original Color

81.0694, -39.4771, -0.7656



Achromatopsia

71.3359, -3.8063, 3.8758



Achromatomaly

73.9270, -19.4844, 0.8948

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.0694, -39.4771, -0.7656 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(91, 233, 221)` looks like.

```
.text, #text, p{  
    color:rgb(91, 233, 221)  
}
```

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(91, 233, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 233, 221) }
```

Border

The CSS property to change the border of an element to HunterLab 81.0694, -39.4771, -0.7656 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(91, 233, 221) }
```


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

```
.border{ border-color:rgb(91, 233, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 233, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 233, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 233, 221);  
box-shadow:4px 4px 4px 4px rgb(91, 233,  
221) }
```

Background

The CSS property to change the background color of an element to HunterLab 81.0694, -39.4771, -0.7656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 233, 221) }
```

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

```
.background{ background-color: rgb(91, 233,  
221) }
```

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