

Converting Colors

HunterLab(80.0515, -40.6432,
3.9388)

Have a look what the booklet for
HunterLab(80.0515, -40.6432,
3.9388) contains.

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Color

**HunterLab(80.0515,
-40.6432, 3.9388)**

Conversions

Conversions Part 1

Format	Color
Hex	5DE7D1
RGB	93, 231, 209
RGB Percent	36%, 91%, 82%
CMY	0.6353, 0.0941, 0.1804
CMYK	0.60, 0.00, 0.10, 0.09
HSL	170°, 74%, 64%
HSV	170°, 60%, 91%
XYZ	44.5987, 64.0824, 70.3401
YIQ	187.2300, -75.1860, -36.0980

Conversions

Conversions Part 2

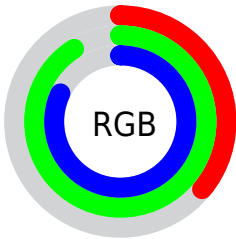
Format	Color
RYB	93, 168, 231
Decimal	6154193
CIELab	84.01, -42.54, -0.46
CIELCh	84, 42.538, 180.624
Yxy	64.0849, 0.2491, 0.3580
Android (android.graphics.Color)	4284344273 (0xFF5DE7D1)
YUV	187.2300, 10.7326, -82.6397
Hunter-Lab	80.0515, -40.6432, 3.9388

Details

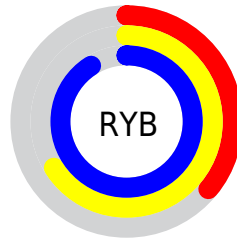
The HunterLab color **80.0515, -40.6432, 3.9388** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **51.0463, 50.4232, 13.4954**, and the grayscale version is **70.5710, -3.7655, 3.8343**.

A 20% lighter version of the original color is **92.5789, -32.1999, -4.1063**, and **57.4687, -34.5782, 2.8135** is the 20% darker color. If you saturate the color by 10%, you get **79.2942, -43.8718, 4.7551**, and if you desaturate by 10%, it is **81.0323, -36.5912, 3.3844**.

Distribution



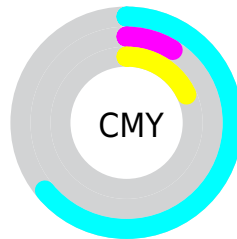
- Red (36%)
- Green (91%)
- Blue (82%)



- Red (36%)
- Yellow (66%)
- Blue (91%)



- Cyan (60%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)





- Cyan (64%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 80.0515, -40.6432, 3.9388 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 80.0515, -40.6432, 3.9388 by changing the saturation by 10% instead.


 80.0515, -40.6432,
3.9388


 80.0515, -40.6432,
3.9388


209.6417,
-63.7859, 10.8363


 68.3516, -37.7636,
3.3242


 105.2299,
-46.1399, 5.2706


 57.2834, -34.7672,
2.7442


 118.6528,
-48.7858, 5.9826

 46.8870, -31.6239,
2.2023


 132.6024,
-51.3785, 6.7240

 37.2090, -28.2902,
1.7012

 147.0595,
-53.9261, 7.4937

 28.3073, -24.7013,
1.2447

162.0069,
-56.4355, 8.2906

 20.2565, -20.7550,
0.8373

177.4290,

 13.1586, -17.1160,

-58.9122, 9.1139

0.4860

193.3116,
-61.3611, 9.9627

■ 6.6628, -11.6599,
0.0744

0.0000, NaN, NaN

■ 80.0515, -40.6432,
3.9388

■ 80.0515, -40.6432,
3.9388

■ 79.2942, -43.8718,
4.7551

■ 81.0323, -36.5912,
3.3844

■ 78.7405, -46.3071,
5.8047


■ 82.2421, -31.7102,
3.1070


■ 78.3706, -48.0149,
7.0542


■ 83.6884, -26.0205,
3.1178


■ 78.1441, -49.1460,
8.4466


■ 85.3735, -19.5611,
3.4203


 78.1388, -49.1729,
8.4834

 87.2964, -12.3856,
4.0115

 89.4536, -4.5573,
4.8832

 91.8392, 3.8549,
6.0231

 91.9861, 4.5852,
4.3926

 92.1052, 5.2251,
2.6952

Harmonies

Analogous

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



80.0531, -36.3864, 20.9406



80.0515, -40.6432, 3.9388



80.0531, -36.0201, -17.6771

Triad

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



80.0531, -40.6438, 3.9398



80.0531, 17.2527, -36.0375



80.0531, 16.4175, 31.0357

Complementary

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



80.0515, -40.6432, 3.9388



51.0463, 50.4232, 13.4954

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.



80.0531, 33.3448, 21.4952



80.0515, -40.6432, 3.9388



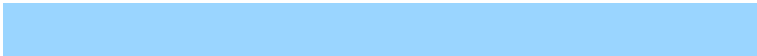
80.0531, 33.8608, -16.7666

Square

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



80.0531, -40.6438, 3.9398



80.0531, -3.8373, -44.0985



80.0531, 40.0266, 4.7730



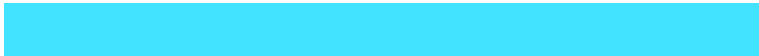
80.0531, -4.7132, 33.9443

Rectangle

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



80.0515, -40.6432, 3.9388



80.0531, -28.2198, -31.2046



80.0531, 40.0266, 4.7730



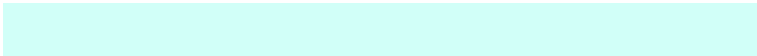
80.0531, 22.8621, 28.6434

Sweetspot

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



80.0531, -40.6438, 3.9398



95.8371, -20.6179, 3.9126



78.5224, -51.5855, 39.6616



44.0648, -10.5744, 1.7416

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.0531, -40.6438, 3.9398



88.5160, -49.8832, 5.6065



65.4194, -15.4676, -28.4801



40.3669, -5.6238, 1.8635



58.5179, -36.7374, 6.1632



15.9409, -9.7847, 1.1977

Inverse Universe

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



51.0463, 50.4232, 13.4954



51.7211, 67.7317, 19.0385



60.2052, 25.5857, 27.3463



37.9543, 1.6338, 2.4944



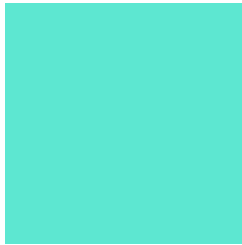
31.0005, 53.3668, 17.8799



8.4949, 14.7575, 3.8631

Previews

White Background



This preview shows how the HunterLab color 80.0515, -40.6432, 3.9388 looks on a white background.

Color Contrast Check

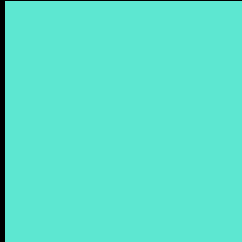
Large Text (above 18pt) WCAG AA × Fail

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 80.0515, -40.6432, 3.9388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

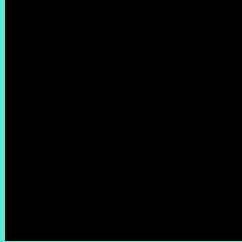
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

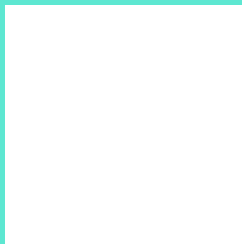
Any Text WCAG AAA ✓ Pass

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

HunterLab 80.0515, -40.6432, 3.9388 Background



This preview shows how black text looks on a background with the HunterLab color 80.0515, -40.6432, 3.9388.



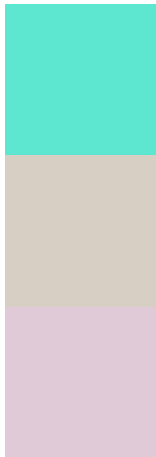
This preview shows how white text looks on a background with the HunterLab color 80.0515,

-40.6432, 3.9388.

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

80.0515, -40.6432, 3.9388

Protanopia

79.4092, -3.4186, 9.8789

Deuteranopia

79.4701, 5.6626, 1.1036



Tritanopia

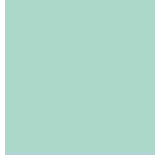
80.0313, -29.4530, -14.6072

Trichromacy



Original Color

80.0515, -40.6432, 3.9388



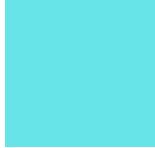
Protanomaly

78.7316, -20.1286, 6.5486



Deuteranomaly

78.5746, -14.9779, 0.6544



Tritanomaly

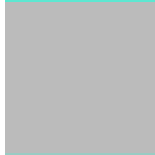
80.0507, -33.8443, -7.2602

Monochromacy



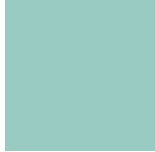
Original Color

80.0515, -40.6432, 3.9388



Achromatopsia

70.4935, -3.7614, 3.8300



Achromatomaly

73.0919, -19.6192, 2.8149

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.0515, -40.6432, 3.9388 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(93, 231, 209)` looks like.

```
.text, #text, p{  
    color:rgb(93, 231, 209)  
}
```

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(93, 231, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 231, 209) }
```

Border

The CSS property to change the border of an element to HunterLab 80.0515, -40.6432, 3.9388 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(93, 231, 209) }
```


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

```
.border{ border-color:rgb(93, 231, 209) }
```

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

Here you see how a box with a 4 pixel rgb(93, 231, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 231, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 231, 209);  
box-shadow:4px 4px 4px 4px rgb(93, 231,  
209) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.0515, -40.6432, 3.9388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 231, 209) }
```

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

```
.background{ background-color: rgb(93, 231,  
209) }
```

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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