

Converting Colors

HunterLab(82.8193, -40.1376,
3.8215)

Have a look what the booklet for
HunterLab(82.8193, -40.1376,
3.8215) contains.

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Color

**HunterLab(82.8193,
-40.1376, 3.8215)**

Conversions

Conversions Part 1

Format	Color
Hex	6AEDD8
RGB	106, 237, 216
RGB Percent	42%, 93%, 85%
CMY	0.5843, 0.0706, 0.1529
CMYK	0.55, 0.00, 0.09, 0.07
HSL	170°, 78%, 67%
HSV	170°, 55%, 93%
XYZ	48.6227, 68.5904, 75.6423
YIQ	195.4370, -71.3350, -34.3030

Conversions

Conversions Part 2

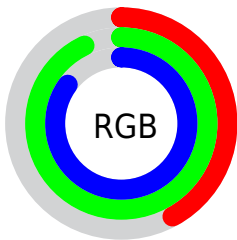
Format	Color
RYB	106, 177, 237
Decimal	7007704
CIELab	86.30, -41.07, -0.75
CIELCh	86, 41.072, 181.047
Yxy	68.5930, 0.2521, 0.3557
Android (android.graphics.Color)	4285197784 (0xFF6AEDD8)
YUV	195.4370, 10.1376, -78.4362
Hunter-Lab	82.8193, -40.1376, 3.8215

Details

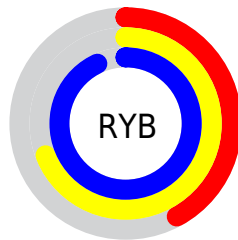
The HunterLab color **82.8193, -40.1376, 3.8215** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **54.6322, 47.8679, 12.7090**, and the grayscale version is **74.0403, -3.9506, 4.0227**.

A 20% lighter version of the original color is **93.2499, -29.6782, -3.2127**, and **59.6010, -34.3706, 2.5819** is the 20% darker color. If you saturate the color by 10%, you get **81.9401, -43.8399, 4.5572**, and if you desaturate by 10%, it is **83.9345, -35.5801, 3.3651**.

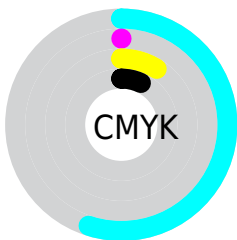
Distribution



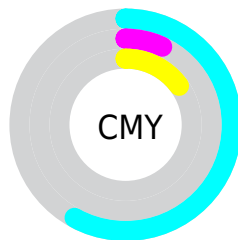
- Red (42%)
- Green (93%)
- Blue (85%)



- Red (42%)
- Yellow (69%)
- Blue (93%)



- Cyan (55%)
- Magenta (0%)
- Yellow (9%)
- Black (7%)



- Cyan (58%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.8193, -40.1376, 3.8215 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 82.8193, -40.1376, 3.8215 by changing the saturation by 10% instead.

82.8193, -40.1376,
3.8215

82.8193, -40.1376,
3.8215

213.4466,
-62.6009, 10.6803

70.9791, -37.3637,
3.2120

108.2590,
-45.4487, 5.1437

59.7626, -34.4845,
2.6374

121.8045,
-48.0117, 5.8512

49.2084, -31.4734,
2.1011

135.8720,
-50.5265, 6.5882

39.3611, -28.2920,
1.6060

150.4430,
-53.0008, 7.3536

30.2756, -24.8840,
1.1558

165.5005,
-55.4406, 8.1464

22.0220, -21.1616,
0.7552

181.0293,

14.6947, -17.0562,

-57.8512, 8.9657

0.4110

197.0156,
-60.2367, 9.8105

■ 8.3528, -14.6173,
0.0821

0.0000, NaN, NaN

■ 82.8193, -40.1376,
3.8215

■ 82.8193, -40.1376,
3.8215

■ 81.9401, -43.8399,
4.5572

■ 83.9345, -35.5801,
3.3651

■ 81.2787, -46.7047,
5.5459


■ 85.2893, -30.1729,
3.2000


■ 80.8176, -48.7841,
6.7571


■ 86.8898, -23.9464,
3.3346


■ 80.5301, -50.1694,
8.1497

■ 88.7368, -16.9482,
3.7697


 80.4329, -50.6676,
8.8428

 90.8280, -9.2388,
4.4997

 93.1585, -0.8868,
5.5142

 93.9561, 2.0822,
4.6232

 94.0792, 2.7468,
2.8689

 94.2047, 3.4234,
1.0831

Harmonies

Analogous

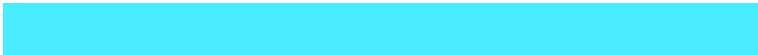
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8209, -36.0560, 20.6275



82.8193, -40.1376, 3.8215



82.8209, -35.4494, -17.1613

Triad

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



82.8209, -40.1382, 3.8225



82.8209, 16.8149, -34.3000



82.8209, 15.4534, 30.9836

Complementary

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



82.8193, -40.1376, 3.8215



54.6322, 47.8679, 12.7090

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.



82.8209, 31.9711, 21.5507



82.8193, -40.1376, 3.8215



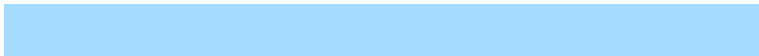
82.8209, 32.8092, -15.6874

Square

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



82.8209, -40.1382, 3.8225



82.8209, -3.7046, -42.2053



82.8209, 38.6030, 5.1880



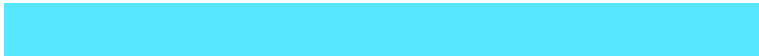
82.8209, -5.1400, 33.8326

Rectangle

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



82.8193, -40.1376, 3.8215



82.8209, -27.6905, -30.1154



82.8209, 38.6030, 5.1880



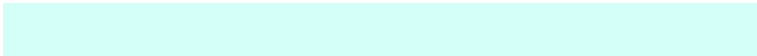
82.8209, 21.7343, 28.6120

Sweetspot

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



82.8209, -40.1382, 3.8225



96.0445, -19.8399, 3.9876



81.3560, -50.7384, 39.3046



44.2418, -9.9051, 1.7941

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



82.8209, -40.1382, 3.8225



88.9574, -47.9854, 5.0464



68.8974, -15.9645, -26.7762



41.3255, -5.7673, 1.9112



59.4440, -37.3538, 6.3363



16.6908, -10.2658, 1.2988

Inverse Universe

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



54.6322, 47.8679, 12.7090



54.0699, 62.6610, 17.0619



63.8387, 23.5638, 27.0843



38.8503, 1.6837, 2.5505



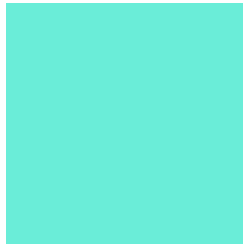
31.4939, 54.2163, 18.1640



8.8921, 15.4395, 4.1057

Previews

White Background



This preview shows how the HunterLab color 82.8193, -40.1376, 3.8215 looks on a white background.

Color Contrast Check

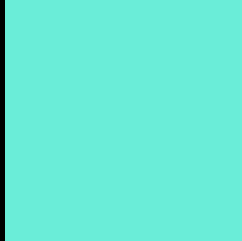
Large Text (above 18pt) WCAG AA × Fail

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 82.8193, -40.1376, 3.8215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

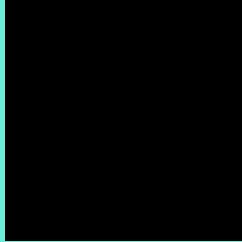
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

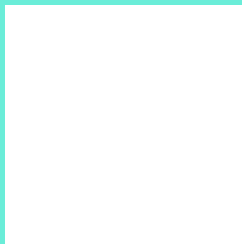
Any Text WCAG AAA ✓ Pass

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

HunterLab 82.8193, -40.1376, 3.8215 Background



This preview shows how black text looks on a background with the HunterLab color 82.8193, -40.1376, 3.8215.



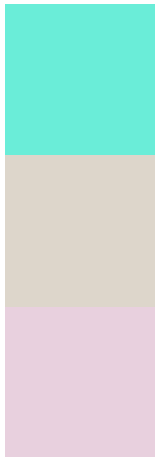
This preview shows how white text looks on a background with the HunterLab color 82.8193, -40.1376, 3.8215.

-40.1376, 3.8215.

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

82.8193, -40.1376, 3.8215

Protanopia

82.3268, -3.9098, 9.9710

Deuteranopia

82.1836, 6.0864, 0.8915



Tritanopia

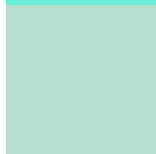
82.7827, -28.9922, -14.8636

Trichromacy



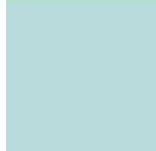
Original Color

82.8193, -40.1376, 3.8215



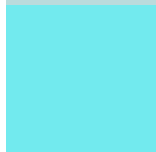
Protanomaly

81.4741, -19.6783, 6.4334



Deuteranomaly

81.4060, -14.1881, 0.5987



Tritanomaly

82.8228, -33.3113, -7.4538

Monochromacy



Original Color

82.8193, -40.1376, 3.8215



Achromatopsia

73.8732, -3.9417, 4.0137



Achromatomaly

76.2834, -19.0009, 2.7592

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 82.8193, -40.1376, 3.8215 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(106, 237, 216)` looks like.

```
.text, #text, p{  
    color:rgb(106, 237, 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(106, 237, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 237, 216) }
```

Border

The CSS property to change the border of an element to HunterLab 82.8193, -40.1376, 3.8215 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(106, 237, 216) }
```


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

```
.border{ border-color:rgb(106, 237, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 237, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 237, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 237, 216);  
box-shadow:4px 4px 4px 4px rgb(106, 237,  
216) }
```

Background

The CSS property to change the background color of an element to HunterLab 82.8193, -40.1376, 3.8215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 237, 216) }
```

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

```
.background{ background-color: rgb(106,  
237, 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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