

Converting Colors

HunterLab(80.2823, -41.8377,
6.5480)

Have a look what the booklet for
HunterLab(80.2823, -41.8377,
6.5480) contains.

HunterLab(80.2823, -41.8377, 6.5480)	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(80.2823,
-41.8377, 6.5480)**

Conversions

Conversions Part 1

Format	Color
Hex	5EE8CC
RGB	94, 232, 204
RGB Percent	37%, 91%, 80%
CMY	0.6314, 0.0902, 0.2000
CMYK	0.59, 0.00, 0.12, 0.09
HSL	168°, 75%, 64%
HSV	168°, 59%, 91%
XYZ	44.3717, 64.4525, 67.2286
YIQ	187.5460, -73.2600, -37.9640

Conversions

Conversions Part 2

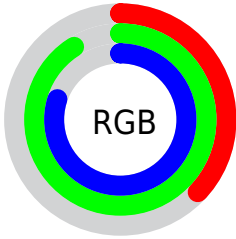
Format	Color
RYB	94, 171, 232
Decimal	6219980
CIELab	84.20, -44.02, 2.46
CIELCh	84, 44.093, 176.807
Yxy	64.4550, 0.2520, 0.3661
Android (android.graphics.Color)	4284410060 (0xFF5EE8CC)
YUV	187.5460, 8.1118, -82.0398
Hunter-Lab	80.2823, -41.8377, 6.5480

Details

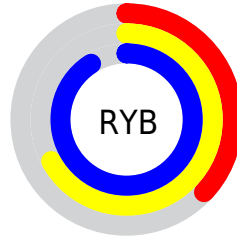
The HunterLab color **80.2823, -41.8377, 6.5480** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **51.5442, 51.0773, 11.4735**, and the grayscale version is **70.7140, -3.7731, 3.8420**.

A 20% lighter version of the original color is **92.6326, -31.9975, -4.0346**, and **57.6651, -35.8154, 5.2388** is the 20% darker color. If you saturate the color by 10%, you get **79.4888, -45.2734, 7.7519**, and if you desaturate by 10%, it is **81.3022, -37.5660, 5.5881**.

Distribution



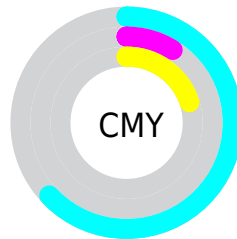
- Red (37%)
- Green (91%)
- Blue (80%)



- Red (37%)
- Yellow (67%)
- Blue (91%)



- Cyan (59%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)





- Cyan (63%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 80.2823, -41.8377, 6.5480 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 80.2823, -41.8377, 6.5480 by changing the saturation by 10% instead.


 80.2823, -41.8377,
6.5480


 80.2823, -41.8377,
6.5480


209.9597,
-65.5731, 14.4510


 68.5706, -38.8752,
5.7965


 105.4827,
-47.4868, 8.1338


 57.4899, -35.7902,
5.0717


 118.9159,
-50.2034, 8.9648

 47.0802, -32.5516,
4.3754


 132.8755,
-52.8636, 9.8206

 37.3879, -29.1142,
3.7080

 147.3422,
-55.4761, 10.7006

 28.4706, -25.4111,
3.0702

162.2988,
-58.0478, 11.6042

 20.4026, -21.3372,
2.4615

177.7299,

 13.2852, -17.6104,

-60.5848, 12.5308

1.8802

193.6212,
-63.0919, 13.4799

■ 6.8206, -11.9360,
1.8637

0.0000, NaN, NaN

■ 80.2823, -41.8377,
6.5480

■ 80.2823, -41.8377,
6.5480

■ 79.4888, -45.2734,
7.7519

■ 81.3022, -37.5660,
5.5881

■ 78.9022, -47.9001,
9.1682

■ 82.5539, -32.4559,
4.8904

■ 78.5028, -49.7816,
10.7615

■ 84.0443, -26.5313,
4.4698

■ 78.2516, -51.0619,
12.4757

■ 85.7755, -19.8345,
4.3334

■ 78.2400, -51.1222,
12.5649

■ 87.7462, -12.4221,
4.4816

■ 89.9523, -4.3601,
4.9097

■ 92.2427, 3.7899,
5.4292

■ 92.3937, 4.6020,
3.2765

■ 92.5483, 5.4327,
1.0750

Harmonies

Analogous

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



80.2839, -36.3002, 23.2010



80.2823, -41.8377, 6.5480



80.2839, -38.2315, -15.6659

Triad

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



80.2839, -41.8383, 6.5490



80.2839, 15.4052, -39.7295



80.2839, 19.8500, 30.9909

Complementary

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



80.2823, -41.8377, 6.5480



51.5442, 51.0773, 11.4735

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.



80.2839, 36.4406, 20.2861



80.2823, -41.8377, 6.5480



80.2839, 33.6889, -20.5319

Square

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



80.2839, -41.8383, 6.5490



80.2839, -6.5982, -46.2063



80.2839, 41.7534, 2.1283



80.2839, -1.9514, 34.7530

Rectangle

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



80.2823, -41.8377, 6.5480



80.2839, -30.8923, -30.2787



80.2839, 41.7534, 2.1283



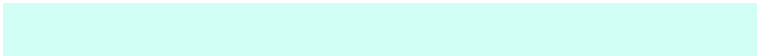
80.2839, 26.3065, 28.2522

Sweetspot

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



80.2839, -41.8383, 6.5490



95.7729, -20.9801, 4.8279



79.2474, -50.4399, 40.0251



44.0303, -10.7698, 2.2330

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.2839, -41.8383, 6.5490



88.3457, -51.0164, 8.9095



68.0470, -18.7940, -24.9204



40.3530, -5.7010, 2.0613



58.3108, -37.9931, 9.1328



15.8913, -10.0846, 1.9072

Inverse Universe

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



51.5442, 51.0773, 11.4735



52.2415, 67.5880, 16.4083



58.9648, 29.1090, 26.1941



37.9679, 1.7069, 2.3007



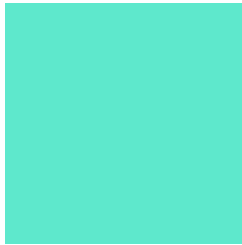
31.0692, 53.6213, 16.8645



8.5234, 14.8627, 3.4450

Previews

White Background



This preview shows how the HunterLab color 80.2823, -41.8377, 6.5480 looks on a white background.

Color Contrast Check

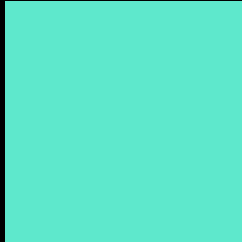
Large Text (above 18pt) WCAG AA × Fail

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 80.2823, -41.8377, 6.5480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

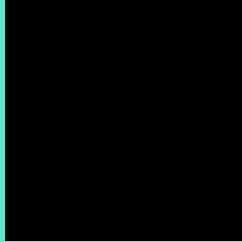
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

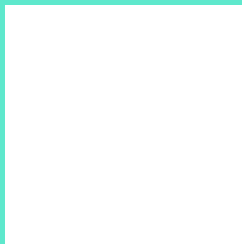
Any Text WCAG AAA ✓ Pass

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

HunterLab 80.2823, -41.8377, 6.5480 Background



This preview shows how black text looks on a background with the HunterLab color 80.2823, -41.8377, 6.5480.



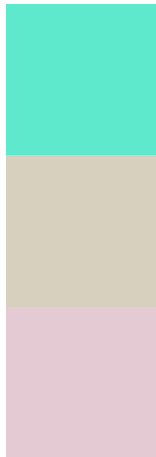
This preview shows how white text looks on a background with the HunterLab color 80.2823, -41.8377, 6.5480.

-41.8377, 6.5480.

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

80.2823, -41.8377, 6.5480

Protanopia

79.6695, -4.3667, 12.3338

Deuteranopia

79.6167, 5.8359, 3.7556



Tritanopia

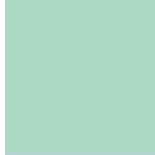
80.1477, -28.9361, -15.0250

Trichromacy



Original Color

80.2823, -41.8377, 6.5480



Protanomaly

78.9822, -21.1735, 9.0941



Deuteranomaly

78.5661, -15.3270, 3.1103



Tritanomaly

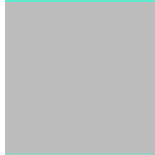
80.0893, -33.7659, -6.6613

Monochromacy



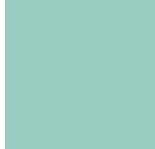
Original Color

80.2823, -41.8377, 6.5480



Achromatopsia

70.9145, -3.7838, 3.8529



Achromatomaly

73.4512, -20.0151, 3.7111

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.2823, -41.8377, 6.5480 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(94, 232, 204)` looks like.

```
.text, #text, p{  
    color:rgb(94, 232, 204)  
}
```

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(94, 232, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 232, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 80.2823, -41.8377, 6.5480 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(94, 232, 204) }
```


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

```
.border{ border-color:rgb(94, 232, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 232, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 232, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 232, 204);  
box-shadow:4px 4px 4px 4px rgb(94, 232,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.2823, -41.8377, 6.5480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 232, 204) }
```

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

```
.background{ background-color: rgb(94, 232,  
204) }
```

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