

# Converting Colors

HunterLab(80.2823, -41.8377,  
6.5480)

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

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# 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

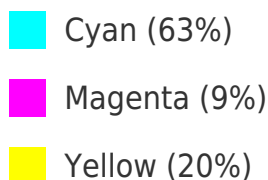
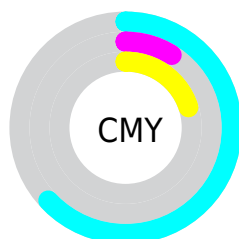
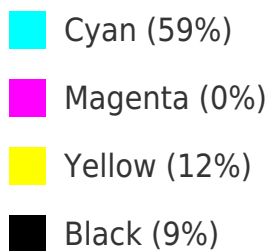
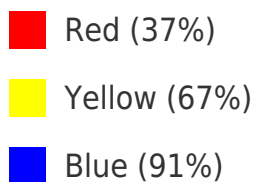
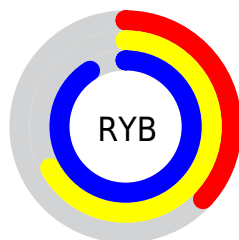
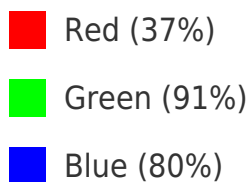
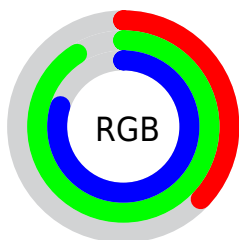
Format	Color
<a href="#">RYB</a>	<a href="#">94, 171, 232</a>
Decimal	<a href="#">6219980</a>
CIELab	<a href="#">84.20, -44.02, 2.46</a>
CIELCh	<a href="#">84, 44.093, 176.807</a>
Yxy	<a href="#">64.4550, 0.2520, 0.3661</a>
Android (android.graphics.Color)	<a href="#">4284410060</a> (0xFF5EE8CC)
YUV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

# 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





# 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



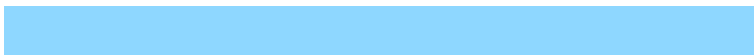
80.2839, 33.6889, -20.5319

# 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

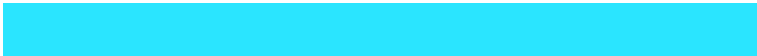


# Rectangle

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



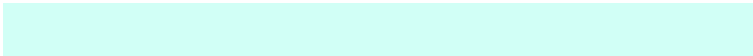
80.2839, 26.3065, 28.2522

# 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

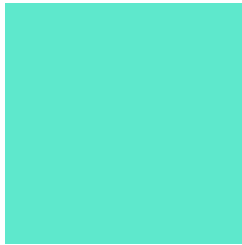


8.5234, 14.8627, 3.4450



# 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

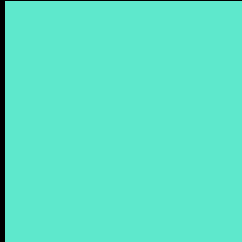
Any Text WCAG AA × Fail

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

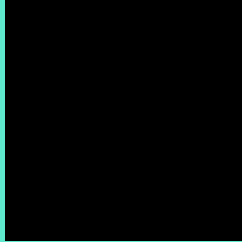
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

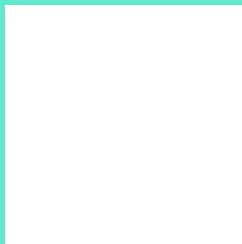
Any Text WCAG AAA ✓ Pass

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.



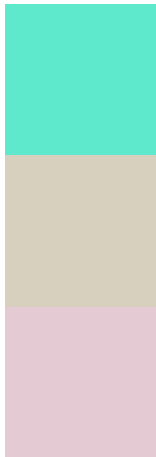
This preview shows how white text looks on a background with the HunterLab color 80.2823, -41.8377, 6.5480.

-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

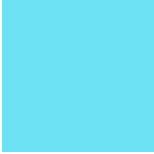
80.2823, -41.8377, 6.5480

### Protanopia

79.6695, -4.3667, 12.3338

### Deuteranopia


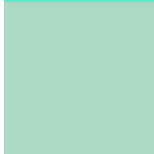
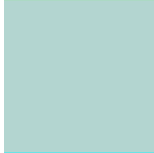
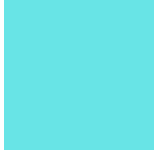
79.6167, 5.8359, 3.7556




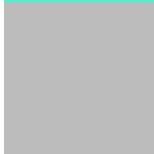
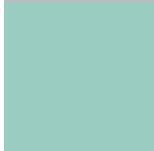
## **Tritanopia**

80.1477, -28.9361, -15.0250

# Trichromacy

	<b>Original Color</b> 80.2823, -41.8377, 6.5480
	<b>Protanomaly</b> 78.9822, -21.1735, 9.0941
	<b>Deuteranomaly</b> 78.5661, -15.3270, 3.1103
	<b>Tritanomaly</b> 80.0893, -33.7659, -6.6613

# Monochromacy

	<b>Original Color</b> 80.2823, -41.8377, 6.5480
	<b>Achromatopsia</b> 70.9145, -3.7838, 3.8529
	<b>Achromatomaly</b> 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](#).

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