

Converting Colors

HunterLab(81.8511, -41.8798,
0.6048)

Have a look what the booklet for
HunterLab(81.8511, -41.8798,
0.6048) contains.

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Color

**HunterLab(81.8518,
-41.8763, 0.6572)**

Conversions

Conversions Part 1

Format	Color
Hex	53ECDC
RGB	83, 236, 220
RGB Percent	33%, 93%, 86%
CMY	0.6745, 0.0745, 0.1372
CMYK	0.65, 0.00, 0.07, 0.07
HSL	174°, 80%, 63%
HSV	174°, 65%, 93%
XYZ	46.4810, 66.9972, 78.1921
YIQ	188.4290, -86.0520, -37.4120

Conversions

Conversions Part 2

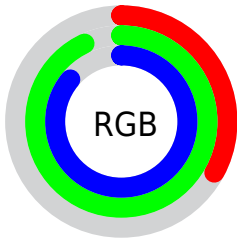
Format	Color
R_{YB}	83, 164, 236
Decimal	5500124
CIE _{Lab}	85.50, -43.58, -4.10
CIE _{LCh}	86, 43.776, 185.368
Yxy	66.9997, 0.2425, 0.3495
Android (android.graphics.Color)	4283690204 (0xFF53ECDC)
YUV	188.4290, 15.5645, -92.4612
Hunter-Lab	81.8518, -41.8763, 0.6572




Details

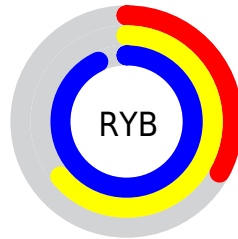
The HunterLab color **81.8518, -41.8763, 0.6572** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **49.9221, 55.4435, 17.7101**, and the grayscale version is **71.0597, -3.7916, 3.8608**.




A 20% lighter version of the original color is **92.2657, -33.3838, -4.5258**, and **59.1243, -34.2958, 0.1346** is the 20% darker color. If you saturate the color by 10%, you get **81.2237, -44.5263, 1.0856**, and if you desaturate by 10%, it is **82.7005, -38.4019, 0.5056**.

Distribution







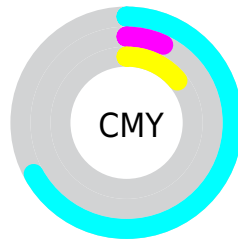
-  Red (33%)
-  Green (93%)
-  Blue (86%)






-  Red (33%)
-  Yellow (64%)
-  Blue (93%)



-  Cyan (65%)
-  Magenta (0%)
-  Yellow (7%)
-  Black (7%)





-  Cyan (67%)
-  Magenta (7%)
-  Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 81.8518, -41.8763, 0.6572 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 81.8518, -41.8763, 0.6572 by changing the saturation by 10% instead.


 81.8518, -41.8763,
0.6572

 81.8518, -41.8763,
0.6572


212.1188,
-65.3779, 6.3871

 70.0603, -38.9526,
0.1991


 107.2008,
-47.4586, 1.6965

 58.8952, -35.9118,
-0.2163


 120.7037,
-50.1462, 2.2709

 48.3957, -32.7243,
-0.5839


 134.7303,
-52.7796, 2.8796

 38.6070, -29.3475,
-0.8992

 149.2617,
-55.3670, 3.5210

 29.5850, -25.7189,
-1.1559

164.2809,
-57.9154, 4.1936

 21.4015, -21.7408,
-1.3456

179.7727,

 14.1533, -17.6123,

-60.4303, 4.8962

-1.4561

195.7229,
-62.9164, 5.6278

■ 7.8058, -13.6602,
-1.7499

0.0000, NaN, NaN

■ 81.8518, -41.8763,
0.6572

■ 81.8518, -41.8763,
0.6572

■ 81.2237, -44.5263,
1.0856

■ 82.7005, -38.4019,
0.5056

■ 80.7925, -46.4031,
1.7599


■ 83.7784, -34.0801,
0.6459


■ 80.5334, -47.5976,
2.6430


■ 85.0957, -28.9161,
1.0894


■ 80.4439, -48.0374,
3.1510


■ 86.6570, -22.9370,
1.8384

 88.4633, -16.1874,
2.8883

 90.5125, -8.7252,
4.2290

 92.8002, -0.6167,
5.8458

 93.5571, 2.1259,
5.5671

 93.6359, 2.5515,
4.4430

Harmonies

Analogous

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



81.8534, -38.9216, 19.3194



81.8518, -41.8763, 0.6572



81.8534, -35.6657, -21.9807

Triad

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



81.8534, -41.8767, 0.6582



81.8534, 21.1807, -34.9241



81.8534, 13.7363, 32.9260

Complementary

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



81.8518, -41.8763, 0.6572



49.9221, 55.4435, 17.7101

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.



81.8534, 32.4687, 24.2452



81.8518, -41.8763, 0.6572



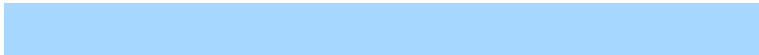
81.8534, 37.0705, -13.8544

Square

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



81.8534, -41.8767, 0.6582



81.8534, -0.4355, -45.6724



81.8534, 41.4016, 8.0791



81.8534, -8.2353, 34.9192

Rectangle

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



81.8518, -41.8763, 0.6572



81.8534, -26.7399, -35.3484



81.8534, 41.4016, 8.0791



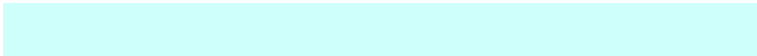
81.8534, 20.6902, 30.8285

Sweetspot

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



81.8534, -41.8767, 0.6582



95.7176, -20.9066, 2.6266



79.6091, -56.5585, 41.9686



44.0237, -10.6446, 1.0658

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



81.8534, -41.8767, 0.6582



88.4960, -49.4251, 1.4141



62.8334, -11.9461, -36.3757



41.3439, -5.6652, 1.6496



59.7334, -35.6065, 2.2027



16.7619, -9.8372, 0.2848

Inverse Universe

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



49.9221, 55.4435, 17.7101



49.6311, 71.3755, 23.4659



61.4019, 25.6233, 30.3806



38.8325, 1.5882, 2.8038



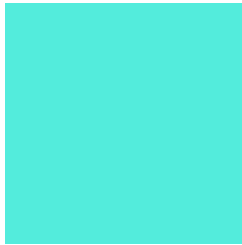
31.4271, 53.9687, 19.1531



8.8552, 15.3034, 4.6476

Previews

White Background



This preview shows how the HunterLab color 81.8518, -41.8763, 0.6572 looks on a white background.

Color Contrast Check

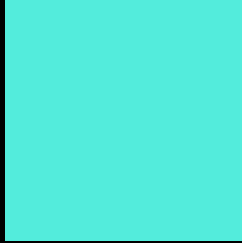
Large Text (above 18pt) WCAG AA × Fail

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 81.8518, -41.8763, 0.6572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

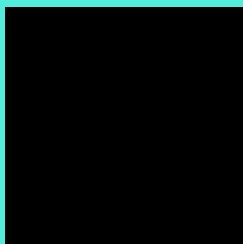
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

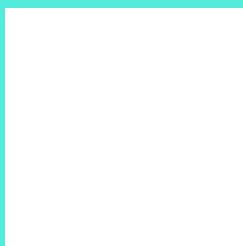
Any Text WCAG AAA ✓ Pass

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

HunterLab 81.8518, -41.8763, 0.6572 Background



This preview shows how black text looks on a background with the HunterLab color 81.8518, -41.8763, 0.6572.



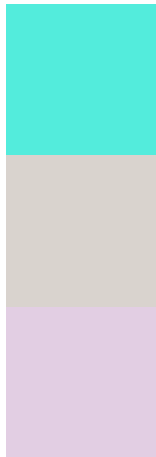
This preview shows how white text looks on a background with the HunterLab color 81.8518,

-41.8763, 0.6572.

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

81.8518, -41.8763, 0.6572

Protanopia

81.1150, -3.2046, 7.2453

Deuteranopia

81.1526, 6.0144, -2.9837



Tritanopia

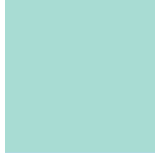
81.9492, -32.2332, -15.5024

Trichromacy



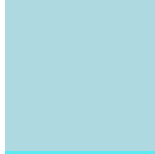
Original Color

81.8518, -41.8763, 0.6572



Protanomaly

80.1339, -21.0629, 3.4116



Deuteranomaly

80.0039, -15.6809, -3.2389



Tritanomaly

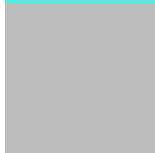
81.7222, -35.6971, -9.5140

Monochromacy



Original Color

81.8518, -41.8763, 0.6572



Achromatopsia

70.9145, -3.7838, 3.8529



Achromatomaly

73.6999, -20.3869, 1.0971

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.8518, -41.8763, 0.6572 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(83, 236, 220)` looks like.

```
.text, #text, p{  
    color:rgb(83, 236, 220)  
}
```

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(83, 236, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 236, 220) }
```

Border

The CSS property to change the border of an element to HunterLab 81.8518, -41.8763, 0.6572 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(83, 236, 220) }
```


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

```
.border{ border-color:rgb(83, 236, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 236, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 236, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 236, 220);  
box-shadow:4px 4px 4px 4px rgb(83, 236,  
220) }
```

Background

The CSS property to change the background color of an element to HunterLab 81.8518, -41.8763, 0.6572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 236, 220) }
```

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

```
.background{ background-color: rgb(83, 236,  
220) }
```

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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