

Converting Colors

HunterLab(78.1961, -46.5141,
2.6723)

Have a look what the booklet for
HunterLab(78.1961, -46.5141,
2.6723) contains.

HunterLab(78.1656, -46.4517, 2.5756)	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(78.1656,
-46.4517, 2.5756)**

Conversions

Conversions Part 1

Format	Color
Hex	00E6CF
RGB	0, 230, 207
RGB Percent	0%, 90%, 81%
CMY	0.9998, 0.0980, 0.1882
CMYK	1.00, 0.00, 0.10, 0.10
HSL	174°, 100%, 45%
HSV	174°, 100%, 90%
XYZ	39.5593, 61.0986, 68.7397
YIQ	158.6080, -129.6970, -55.9130

Conversions

Conversions Part 2

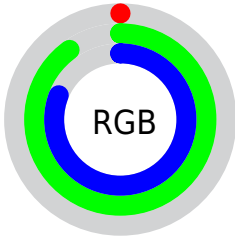
Format	Color
RYB	0, 121, 230
Decimal	59087
CIELab	82.43, -50.96, -1.86
CIELCh	82, 50.995, 182.091
Yxy	61.1009, 0.2335, 0.3607
Android (android.graphics.Color)	4278249167 (0xFF00E6CF)
YUV	158.6080, 23.8573, -139.0992
Hunter-Lab	78.1656, -46.4517, 2.5756

Details

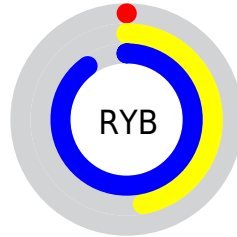
The HunterLab color **78.1656, -46.4517, 2.5756** is a dark color, and the websafe version is hex **00FFFF**. The color can be described as middle washed cyan. A complement of this color would be **41.0933, 70.5184, 25.3829**, and the grayscale version is **58.6717, -3.1306, 3.1877**.

A 20% lighter version of the original color is **90.6558, -39.5396, -6.7051**, and **56.7336, -34.1768, 2.8657** is the 20% darker color. If you saturate the color by 10%, you get **78.1668, -46.4536, 2.5783**, and if you desaturate by 10%, it is **78.3560, -45.5488, 1.6927**.

Distribution



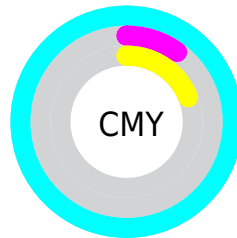
- Red (0%)
- Green (90%)
- Blue (81%)



- Red (0%)
- Yellow (47%)
- Blue (90%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)





- Cyan (100%)
- Magenta (10%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 78.1656, -46.4517, 2.5756 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 78.1656, -46.4517, 2.5756 by changing the saturation by 10% instead.


 78.1656, -46.4517,
2.5756


 78.1656, -46.4517,
2.5756


207.0372,
-73.1141, 8.9596


 66.5632, -43.0640,
2.0305


 103.1625,
-52.8688, 3.7779

 55.5982, -39.5194,
1.5240


 116.5005,
-55.9372, 4.4292


 45.3118, -35.7775,
1.0603


 130.3684,
-58.9316, 5.1123

 35.7520, -31.7810,
0.6433

 144.7467,
-61.8630, 5.8256

 26.9789, -27.4445,
0.2779

 159.6178,
-64.7401, 6.5680

 19.0708, -22.6349,
-0.0286

174.9660,

 12.1352, -20.2925,

-67.5704, 7.3384

-0.2659

190.7769,
-70.3600, 8.1359

■ 5.1898, -9.0822,
-1.2039

0.0000, NaN, NaN

■ 78.1656, -46.4517,
2.5756

■ 78.1656, -46.4517,
2.5756

■ 78.1668, -46.4536,
2.5783

■ 78.3560, -45.5488,
1.6927

■ 78.6835, -44.0939,
0.9750

■ 79.1913, -41.9302,
0.4809

■ 79.9010, -38.9896,
0.2419

■ 80.8282, -35.2363,
0.2798

■ 81.9835, -30.6623,
0.6080

■ 83.3733, -25.2829,
1.2322

■ 85.0002, -19.1329,
2.1508

■ 86.8638, -12.2622,
3.3563

Harmonies

Analogous

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



78.1671, -42.1029, 22.6923



78.1656, -46.4517, 2.5756



78.1671, -40.7020, -23.9752

Triad

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



78.1671, -46.4520, 2.5765



78.1671, 22.8865, -44.9264



78.1671, 19.4900, 34.7238

Complementary

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



78.1656, -46.4517, 2.5756



41.0933, 70.5184, 25.3829

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.



78.1671, 40.6025, 24.7691



78.1656, -46.4517, 2.5756



78.1671, 42.7295, -20.1716

Square

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



78.1671, -46.4520, 2.5765



78.1671, -2.4222, -56.2202



78.1671, 49.5816, 5.8968



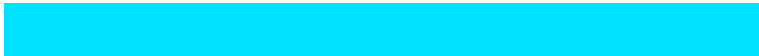
78.1671, -5.9124, 37.4293

Rectangle

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



78.1656, -46.4517, 2.5756



78.1671, -31.4388, -40.8166



78.1671, 49.5816, 5.8968



78.1671, 27.4281, 32.3087

Sweetspot

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



78.1671, -46.4520, 2.5765



93.6916, -28.5447, 1.3687



75.3837, -63.8524, 45.3322



43.0255, -14.4393, 0.4780

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



78.1671, -46.4520, 2.5765



87.8662, -52.2482, 2.9637



50.0159, -2.1067, -57.9644



40.3859, -5.5177, 1.5916



58.8225, -34.8990, 1.8140



16.0128, -9.3510, 0.1716

Inverse Universe

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



41.0933, 70.5184, 25.3829



46.1870, 79.2534, 28.6299



48.8215, 46.6979, 30.8995



37.9359, 1.5347, 2.7575



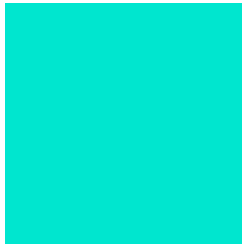
30.9313, 53.1104, 18.9045



8.4557, 14.6128, 4.4390

Previews

White Background



This preview shows how the HunterLab color 78.1656, -46.4517, 2.5756 looks on a white background.

Color Contrast Check

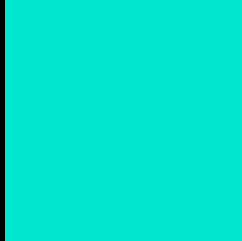
Large Text (above 18pt) WCAG AA × Fail

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 78.1656, -46.4517, 2.5756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

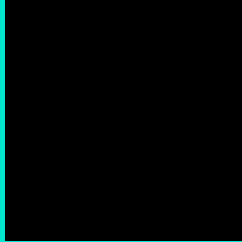
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

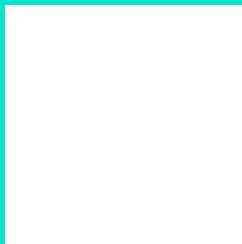
Any Text WCAG AAA ✓ Pass

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

HunterLab 78.1656, -46.4517, 2.5756 Background



This preview shows how black text looks on a background with the HunterLab color 78.1656, -46.4517, 2.5756.



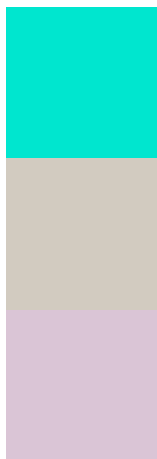
This preview shows how white text looks on a background with the HunterLab color 78.1656, -46.4517, 2.5756.

-46.4517, 2.5756.

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

78.1656, -46.4517, 2.5756

Protanopia

77.6011, -3.6569, 9.6516

Deuteranopia

77.2612, 5.7638, -1.1116



Tritanopia

78.2439, -34.6142, -16.6459

Trichromacy



Original Color

78.1656, -46.4517, 2.5756



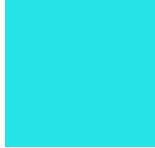
Protanomaly

75.2915, -28.1477, 4.3045



Deuteranomaly

74.6947, -22.6863, -3.2887



Tritanomaly

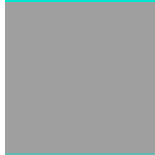
78.1311, -39.5988, -9.3592

Monochromacy



Original Color

78.1656, -46.4517, 2.5756



Achromatopsia

58.8816, -3.1418, 3.1991



Achromatomaly

63.7175, -25.9157, 0.5886

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 78.1656, -46.4517, 2.5756 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(0, 230, 207)` looks like.

```
.text, #text, p{  
    color:rgb(0, 230, 207)  
}
```

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(0, 230, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 230, 207) }
```

Border

The CSS property to change the border of an element to HunterLab 78.1656, -46.4517, 2.5756 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(0, 230, 207) }
```


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

```
.border{ border-color:rgb(0, 230, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 230, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 230, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 230, 207); box-shadow:4px 4px 4px 4px rgb(0, 230, 207) }
```

Background

The CSS property to change the background color of an element to HunterLab 78.1656, -46.4517, 2.5756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 230, 207) }
```

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

```
.background{ background-color: rgb(0, 230,  
207) }
```

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