

Converting Colors

HunterLab(83.5991, -58.2245,
21.1983)

Have a look what the booklet for
HunterLab(83.5991, -58.2245,
21.1983) contains.

HunterLab(83.4602, -58.1590, 21.2305)	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(83.4602,
-58.1590, 21.2305)**

Conversions

Conversions Part 1

Format	Color
Hex	00F7B0
RGB	0, 247, 176
RGB Percent	0%, 97%, 69%
CMY	0.9999, 0.0314, 0.3098
CMYK	1.00, 0.00, 0.29, 0.03
HSL	163°, 100%, 48%
HSV	163°, 100%, 97%
XYZ	41.0972, 69.6560, 52.3532
YIQ	165.0530, -124.4210, -74.4450

Conversions

Conversions Part 2

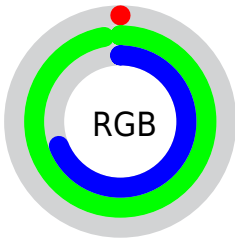
Format	Color
RYB	0, 144, 247
Decimal	63408
CIELab	86.83, -65.13, 20.61
CIELCh	87, 68.316, 162.444
Yxy	69.6588, 0.2520, 0.4271
Android (android.graphics.Color)	4278253488 (0xFF00F7B0)
YUV	165.0530, 5.3969, -144.7515
Hunter-Lab	83.4602, -58.1590, 21.2305

Details

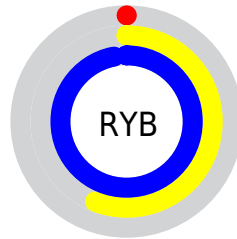
The HunterLab color **83.4602, -58.1590, 21.2305** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **44.9788, 78.0360, 21.2167**, and the grayscale version is **61.3821, -3.2752, 3.3350**.

A 20% lighter version of the original color is **89.9575, -43.7967, 4.3473**, and **61.5022, -44.4371, 19.0546** is the 20% darker color. If you saturate the color by 10%, you get **83.4615, -58.1614, 21.2341**, and if you desaturate by 10%, it is **83.7558, -56.6059, 18.8657**.

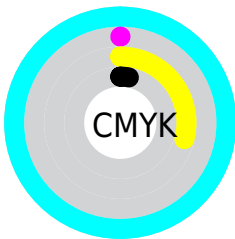
Distribution



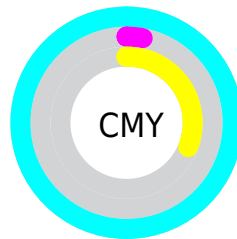
- Red (0%)
- Green (97%)
- Blue (69%)



- Red (0%)
- Yellow (56%)
- Blue (97%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (3%)





- Cyan (100%)
- Magenta (3%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.4602, -58.1590, 21.2305 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 83.4602, -58.1590, 21.2305 by changing the saturation by 10% instead.


 83.4602, -58.1590,
21.2305


 83.4602, -58.1590,
21.2305


214.3248,
-90.4092, 35.8317

 71.5880, -54.0054,
19.5475


 108.9596,
-65.9977, 24.5309


 60.3377, -49.6502,
17.8298


 122.5331,
-69.7297, 26.1587


 49.7475, -45.0469,
16.0661


 136.6277,
-73.3609, 27.7777

 39.8617, -40.1304,
14.2387

 151.2247,
-76.9050, 29.3909

 30.7344, -34.8082,
12.3223

 166.3074,
-80.3732, 31.0009

 22.4349, -28.9437,
10.2772

181.8607,

 15.0558, -24.2044,

-83.7749, 32.6100

8.2237

197.8707,
-87.1180, 34.2198

■ 8.6951, -15.2163,
6.0865

0.0000, NaN, NaN

■ 83.4602, -58.1590,
21.2305

■ 83.4602, -58.1590,
21.2305

■ 83.4615, -58.1614,
21.2341

■ 83.7558, -56.6059,
18.8657

■ 84.2106, -54.3863,
16.5568

■ 84.8706, -51.3362,
14.3679

■ 85.7591, -47.3876,
12.3430

■ 86.8924, -42.5111,
10.5193

■ 88.2811, -36.7099,
8.9274

■ 89.9309, -30.0137,
7.5907

■ 91.8436, -22.4733,
6.5253

■ 94.0172, -14.1548,
5.7407

Harmonies

Analogous

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



83.4618, -44.2087, 38.6748



83.4602, -58.1590, 21.2305



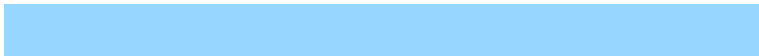
83.4618, -59.2547, -10.0243

Triad

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



83.4618, -58.1596, 21.2312



83.4618, 10.1256, -82.0354



83.4618, 49.5628, 36.5942

Complementary

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



83.4602, -58.1590, 21.2305



44.9788, 78.0360, 21.2167

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.



83.4618, 69.5858, 16.8814



83.4602, -58.1590, 21.2305



83.4618, 44.4860, -55.7274

Square

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



83.4618, -58.1596, 21.2312



83.4618, -23.3034, -79.3300



83.4618, 67.5916, -16.5123



83.4618, 16.2241, 44.7822

Rectangle

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



83.4602, -58.1590, 21.2305



83.4618, -52.8379, -36.2555



83.4618, 67.5916, -16.5123



83.4618, 58.2970, 31.5263

Sweetspot

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



83.4618, -58.1596, 21.2312



93.2351, -31.1670, 7.8784



82.4528, -66.1500, 49.6483



42.7855, -15.8258, 3.9006

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.4618, -58.1596, 21.2312



86.5359, -60.3239, 22.0597



68.5023, -23.7414, -34.3695



43.2109, -6.2954, 2.6204



60.7161, -42.1662, 15.1348



18.0492, -12.2005, 3.7776

Inverse Universe

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



44.9788, 78.0360, 21.2167



46.6317, 80.8986, 22.0676



46.9120, 68.1084, 30.0982



40.6950, 2.0128, 2.0569



32.7410, 56.8696, 14.9578



9.7938, 17.1810, 3.1596

Previews

White Background



This preview shows how the HunterLab color 83.4602, -58.1590, 21.2305 looks on a white background.

Color Contrast Check

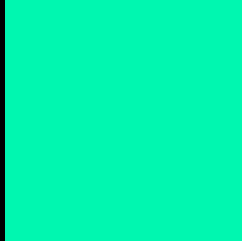
Large Text (above 18pt) WCAG AA × Fail

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 83.4602, -58.1590, 21.2305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

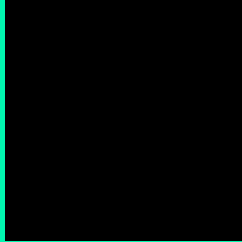
Any Text WCAG AA ✓ Pass

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 83.4602, -58.1590, 21.2305 Background



This preview shows how black text looks on a background with the HunterLab color 83.4602, -58.1590, 21.2305.



This preview shows how white text looks on a background with the HunterLab color 83.4602, -58.1590, 21.2305.

-58.1590, 21.2305.

Color Blindness Simulation

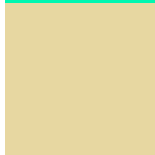
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



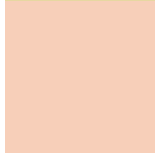
Original Color

83.4602, -58.1590, 21.2305



Protanopia

82.5609, -6.7845, 26.5406



Deuteranopia

82.4030, 6.1875, 17.8598



Tritanopia

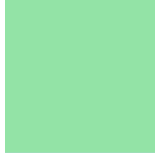
83.2675, -33.8917, -16.6490

Trichromacy



Original Color

83.4602, -58.1590, 21.2305



Protanomaly

79.9340, -36.3032, 21.8602



Deuteranomaly

79.2389, -29.4820, 15.1963



Tritanomaly

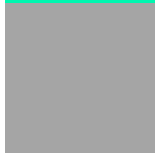
82.8740, -44.7132, -1.1920

Monochromacy



Original Color

83.4602, -58.1590, 21.2305



Achromatopsia

61.3402, -3.2730, 3.3327



Achromatomaly

67.0060, -30.6765, 7.5381

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.4602, -58.1590, 21.2305 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, 247, 176)` looks like.

```
.text, #text, p{  
    color:rgb(0, 247, 176)  
}
```

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, 247, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 247, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 83.4602, -58.1590, 21.2305 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, 247, 176) }
```


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

```
.border{ border-color:rgb(0, 247, 176) }
```

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

Here you see how a box with a 4 pixel rgb(0, 247, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 247, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 247, 176);  
box-shadow:4px 4px 4px 4px rgb(0, 247,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.4602, -58.1590, 21.2305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 247, 176) }
```

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

```
.background{ background-color: rgb(0, 247,  
176) }
```

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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