

Converting Colors

HunterLab(81.1985, -66.3388,
41.7155)

Have a look what the booklet for
HunterLab(81.1985, -66.3388,
41.7155) contains.

HunterLab(81.2774, -66.3777, 41.7007)	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(81.2774,
-66.3777, 41.7007)**

Conversions

Conversions Part 1

Format	Color
Hex	00F55B
RGB	0, 245, 91
RGB Percent	0%, 96%, 36%
CMY	1.0000, 0.0392, 0.6431
CMYK	1.00, 0.00, 0.63, 0.04
HSL	142°, 100%, 48%
HSV	142°, 100%, 96%
XYZ	34.5407, 66.0602, 20.8279
YIQ	154.1890, -96.5860, -99.8340

Conversions

Conversions Part 2

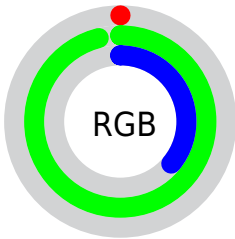
Format	Color
RYB	0, 179, 245
Decimal	62811
CIELab	85.03, -78.65, 58.95
CIELCh	85, 98.292, 143.150
Yxy	66.0629, 0.2845, 0.5440
Android (android.graphics.Color)	4278252891 (0xFF00F55B)
YUV	154.1890, -31.1522, -135.2238
Hunter-Lab	81.2774, -66.3777, 41.7007

Details

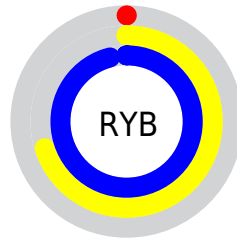
The HunterLab color **81.2774, -66.3777, 41.7007** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **46.6334, 84.8636, -8.6523**, and the grayscale version is **57.0753, -3.0454, 3.1010**.

A 20% lighter version of the original color is **87.8480, -56.4300, 34.7899**, and **59.7034, -50.5721, 34.5466** is the 20% darker color. If you saturate the color by 10%, you get **81.2790, -66.3791, 41.7018**, and if you desaturate by 10%, it is **81.5824, -64.7348, 39.1473**.

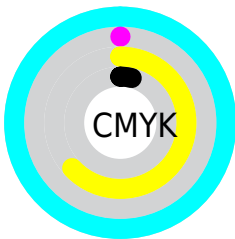
Distribution



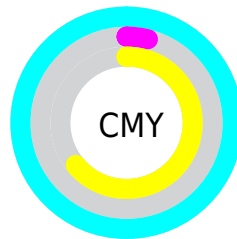
- Red (0%)
- Green (96%)
- Blue (36%)



- Red (0%)
- Yellow (70%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (4%)





- Cyan (100%)
- Magenta (4%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 81.2774, -66.3777, 41.7007 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 81.2774, -66.3777, 41.7007 by changing the saturation by 10% instead.


 81.2774, -66.3777,
41.7007

 81.2774, -66.3777,
41.7007


211.3295,
-104.5323, 72.4267

 69.5151, -61.3715,
37.7353


 106.5723,
-75.7645, 49.1869


 58.3807, -56.0970,
33.5867


 120.0498,
-80.2063, 52.7483

 47.9139, -50.4940,
29.2242


 134.0520,
-84.5121, 56.2107

 38.1603, -44.4790,
24.6169

 148.5598,
-88.6998, 59.5870

 29.1764, -37.9360,
20.2180

 163.5562,
-92.7844, 62.8882

 21.0349, -30.7566,
14.7245


179.0258,

 13.8342, -24.2098,


-96.7780, 66.1235


9.6839


194.9545,
-100.6910, 69.3007


 7.4611, -13.0570,
5.2228


0.0000, NaN, NaN


 81.2774, -66.3777,
41.7007


 81.2774, -66.3777,
41.7007

 81.2790, -66.3791,
41.7018

 81.5824, -64.7348,
39.1473

 82.0737, -62.2418,
36.2283

 82.7985, -58.7281,
32.9891

 83.7804, -54.1297,
29.4704

■ 85.0351, -48.4296,
25.7182

■ 86.5721, -41.6494,
21.7821

■ 88.3953, -33.8422,
17.7130

■ 90.5043, -25.0845,
13.5610

■ 92.8947, -15.4687,
9.3729

Harmonies

Analogous

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



81.2791, -37.8905, 51.0507



81.2774, -66.3777, 41.7007



81.2791, -77.8266, 14.3211

Triad

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



81.2791, -66.3787, 41.7011



81.2791, -15.1806, -142.4069



81.2791, 100.5680, 32.1716

Complementary

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



81.2774, -66.3777, 41.7007



46.6334, 84.8636, -8.6523

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.



81.2791, 110.6977, -6.8986



81.2774, -66.3777, 41.7007



81.2791, 35.7234, -126.9552

Square

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



81.2791, -66.3787, 41.7011



81.2791, -53.1024, -103.5831



81.2791, 84.6885, -68.9078



81.2791, 59.5808, 48.2391

Rectangle

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



81.2774, -66.3777, 41.7007



81.2791, -76.7477, -18.4898



81.2791, 84.6885, -68.9078



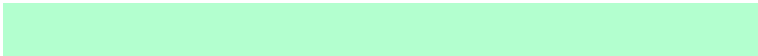
81.2791, 108.0366, 22.1495

Sweetspot

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



81.2791, -66.3787, 41.7011



92.4905, -35.4734, 18.5652



85.0253, -51.7940, 51.4853



42.4008, -18.0658, 9.4276

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



81.2791, -66.3787, 41.7011



85.0535, -69.4873, 43.6937



83.7126, -51.4390, 6.4088



43.0974, -6.9289, 4.2431



59.6762, -48.5915, 30.3050



17.7459, -14.0685, 8.1890

Inverse Universe

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



46.6334, 84.8636, -8.6523



48.7936, 88.7826, -8.9518



44.1830, 75.9082, 26.6555



40.8140, 2.6511, 0.3635



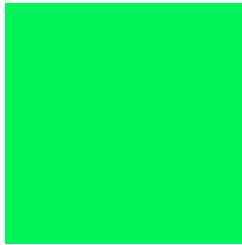
34.2673, 62.4324, -6.9159



10.2561, 18.8580, -3.4047

Previews

White Background



This preview shows how the HunterLab color 81.2774, -66.3777, 41.7007 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 81.2774, -66.3777, 41.7007 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 81.2774, -66.3777, 41.7007 Background



This preview shows how black text looks on a background with the HunterLab color 81.2774, -66.3777, 41.7007.



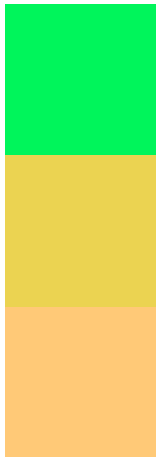
This preview shows how white text looks on a background with the HunterLab color 81.2774, -66.3777, 41.7007.

-66.3777, 41.7007.

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

81.2774, -66.3777, 41.7007

Protanopia

80.5263, -10.0479, 43.7124

Deuteranopia

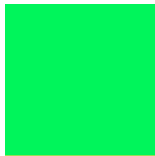
80.2279, 5.2358, 36.6298



Tritanopia

80.8781, -31.1862, -15.8118

Trichromacy



Original Color

81.2774, -66.3777, 41.7007



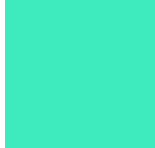
Protanomaly

77.4049, -41.8212, 40.3814



Deuteranomaly

76.4272, -34.5485, 35.2654



Tritanomaly

80.1264, -48.6639, 12.0490

Monochromacy



Original Color

81.2774, -66.3777, 41.7007



Achromatopsia

56.8457, -3.0331, 3.0885



Achromatomaly

63.0682, -34.2237, 18.0768

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.2774, -66.3777, 41.7007 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, 245, 91)` looks like.

```
.text, #text, p{  
    color:rgb(0, 245, 91)  
}
```

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, 245, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 245, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 81.2774, -66.3777, 41.7007 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, 245, 91) }
```


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

```
.border{ border-color:rgb(0, 245, 91) }
```

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

Here you see how a box with a 4 pixel rgb(0, 245, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 245, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 245, 91);  
box-shadow:4px 4px 4px 4px rgb(0, 245, 91)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 81.2774, -66.3777, 41.7007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 245, 91) }
```

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

```
.background{ background-color: rgb(0, 245,  
91) }
```

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