

Converting Colors

HunterLab(85.0610, -69.4409,
43.5841)

Have a look what the booklet for
HunterLab(85.0610, -69.4409,
43.5841) contains.

HunterLab(85.0566, -69.4682, 43.6486)	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(85.0566,
-69.4682, 43.6486)**

Conversions

Conversions Part 1

Format	Color
Hex	00FF5F
RGB	0, 255, 95
RGB Percent	0%, 100%, 37%
CMY	1.0000, 0.0000, 0.6274
CMYK	1.00, 0.00, 0.63, 0.00
HSL	142°, 100%, 50%
HSV	142°, 100%, 100%
XYZ	37.8256, 72.3463, 22.7970
YIQ	160.5150, -100.6200, -103.8200

Conversions

Conversions Part 2

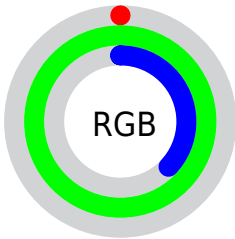
Format	Color
RYB	0, 186, 255
Decimal	65375
CIELab	88.14, -81.08, 60.78
CIELCh	88, 101.332, 143.143
Yxy	72.3464, 0.2845, 0.5441
Android (android.graphics.Color)	4278255455 (0xFF00FF5F)
YUV	160.5150, -32.2989, -140.7717
Hunter-Lab	85.0566, -69.4682, 43.6486

Details

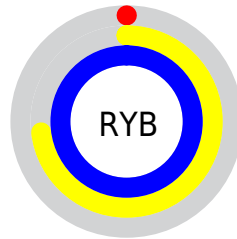
The HunterLab color **85.0566, -69.4682, 43.6486** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **48.7837, 88.7453, -8.8093**, and the grayscale version is **59.6598, -3.1833, 3.2414**.

A 20% lighter version of the original color is **88.0547, -55.4099, 33.5749**, and **62.9343, -53.2436, 36.2753** is the 20% darker color. If you saturate the color by 10%, you get **85.0566, -69.4683, 43.6488**, and if you desaturate by 10%, it is **85.3704, -67.7634, 40.9730**.

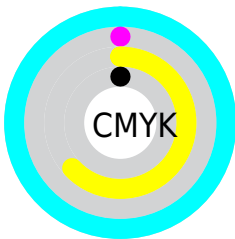
Distribution



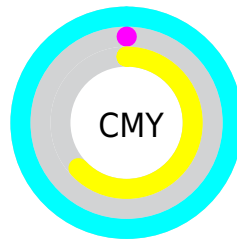
- Red (0%)
- Green (100%)
- Blue (37%)



- Red (0%)
- Yellow (73%)
- Blue (100%)



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





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

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.0566, -69.4682, 43.6486 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 85.0566, -69.4682, 43.6486 by changing the saturation by 10% instead.


 85.0566, -69.4682,
43.6486


 85.0566, -69.4682,
43.6486


216.5055,
-108.3248, 74.9375

 73.1038, -64.3875,
39.6229


 110.7018,
-79.0081, 51.2580


 61.7701, -59.0457,
35.4186


 124.3444,
-83.5291, 54.8830

 51.0915, -53.3844,
31.0056


 138.5056,
-87.9143, 58.4091

 41.1108, -47.3260,
26.3538

 153.1670,
-92.1814, 61.8489

 31.8809, -40.7633,
21.6706

 168.3120,
-96.3448, 65.2133

 23.4687, -33.5479,
16.4281


183.9256,

 15.9630, -27.9352,


-100.4166, 68.5112


11.1741


199.9943,
-104.4070, 71.7503


 9.4904, -16.6082,
6.6433


0.0000, NaN, NaN


 85.0566, -69.4682,
43.6486


 85.0566, -69.4682,
43.6486


 85.0566, -69.4683,
43.6488


 85.3704, -67.7634,
40.9730


 85.8816, -65.1664,
37.9161


 86.6376, -61.4992,
34.5239


 87.6634, -56.6935,
30.8392

 88.9756, -50.7308,
26.9104

 90.5843, -43.6334,
22.7898

 92.4936, -35.4568,
18.5308

 94.7031, -26.2814,
14.1863

 97.2082, -16.2043,
9.8052

Harmonies

Analogous

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



85.0567, -39.6471, 53.4279



85.0566, -69.4682, 43.6486



85.0567, -81.4531, 14.9991

Triad

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



85.0567, -69.4677, 43.6478



85.0567, -15.9003, -149.0613



85.0567, 105.2725, 33.6638

Complementary

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



85.0566, -69.4682, 43.6486



48.7837, 88.7453, -8.8093

Split Complementary

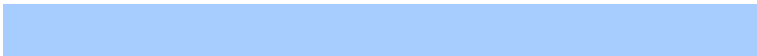
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.0567, 115.8658, -7.2354



85.0566, -69.4682, 43.6486



85.0567, 37.3775, -132.9016

Square

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



85.0567, -69.4677, 43.6478



85.0567, -55.5859, -108.4092



85.0567, 88.6328, -72.1457



85.0567, 62.3766, 50.4828

Rectangle

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



85.0566, -69.4682, 43.6486



85.0567, -80.3267, -19.3385



85.0567, 88.6328, -72.1457



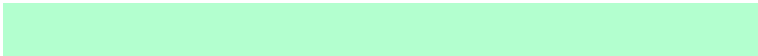
85.0567, 113.0871, 23.1726

Sweetspot

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



85.0567, -69.4677, 43.6478



92.4928, -35.4602, 18.5325



88.9660, -54.2483, 53.8705



42.4020, -18.0591, 9.4109

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.0567, -69.4677, 43.6478



85.0566, -69.4683, 43.6488



87.6017, -53.8433, 6.7380



45.0334, -7.2578, 4.4366



61.5052, -50.0815, 31.2355



19.2447, -15.2982, 8.9702

Inverse Universe

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



48.7837, 88.7453, -8.8093



48.7833, 88.7456, -8.8077



46.2339, 79.4257, 27.9380



42.6367, 2.7901, 0.3772



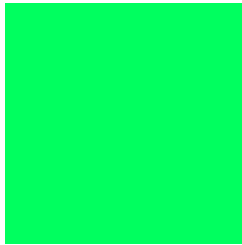
35.3057, 64.3029, -6.9603



11.1123, 20.4088, -3.5065

Previews

White Background



This preview shows how the HunterLab color 85.0566, -69.4682, 43.6486 looks on a white background.

Color Contrast Check

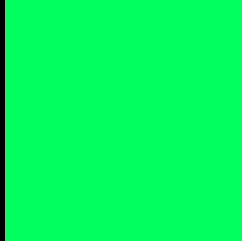
Large Text (above 18pt) WCAG AA × Fail

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 85.0566, -69.4682, 43.6486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

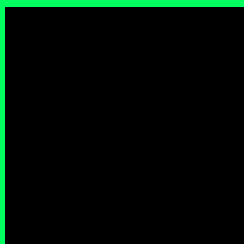
Any Text WCAG AA ✓ Pass

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 85.0566, -69.4682, 43.6486 Background



This preview shows how black text looks on a background with the HunterLab color 85.0566, -69.4682, 43.6486.



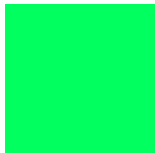
This preview shows how white text looks on a background with the HunterLab color 85.0566, -69.4682, 43.6486.

-69.4682, 43.6486.

Color Blindness Simulation

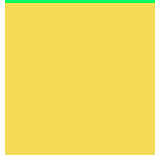
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85.0566, -69.4682, 43.6486



Protanopia

83.9952, -10.3901, 45.5091



Deuteranopia

84.0714, 2.8070, 30.2933



Tritanopia

84.6404, -30.4314, -14.6498

Trichromacy



Original Color

85.0566, -69.4682, 43.6486



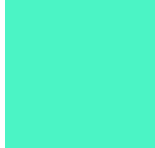
Protanomaly

80.8722, -44.0186, 42.1334



Deuteranomaly

80.5367, -37.0413, 32.6417



Tritanomaly

83.8024, -50.1000, 13.3892

Monochromacy



Original Color

85.0566, -69.4682, 43.6486



Achromatopsia

59.6993, -3.1854, 3.2436



Achromatomaly

66.0766, -35.9155, 18.8512

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.0566, -69.4682, 43.6486 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, 255, 95)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 95)  
}
```

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, 255, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 95) }
```

Border

The CSS property to change the border of an element to HunterLab 85.0566, -69.4682, 43.6486 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, 255, 95) }
```


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

```
.border{ border-color:rgb(0, 255, 95) }
```

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

Here you see how a box with a 4 pixel rgb(0, 255, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 95);  
box-shadow:4px 4px 4px 4px rgb(0, 255, 95)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 85.0566, -69.4682, 43.6486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 95) }
```

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

```
.background{ background-color: rgb(0, 255,  
95) }
```

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