

Converting Colors

HunterLab(85.5763, -40.6746,
-13.5276)

Have a look what the booklet for
HunterLab(85.5763, -40.6746,
-13.5276) contains.

HunterLab(85.6707, -40.7665, -13.3989)	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(85.6707,
-40.7665, -13.3989)**

Conversions

Conversions Part 1

Format	Color
Hex	39F5FF
RGB	57, 245, 255
RGB Percent	22%, 96%, 100%
CMY	0.7764, 0.0392, 0.0000
CMYK	0.78, 0.04, 0.00, 0.00
HSL	183°, 100%, 61%
HSV	183°, 78%, 100%
XYZ	52.3898, 73.3947, 106.0132
YIQ	189.9280, -115.2580, -36.7460

Conversions

Conversions Part 2

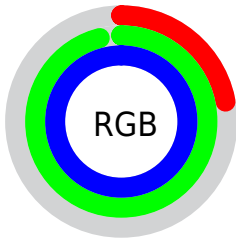
Format	Color
RYB	57, 153, 255
Decimal	3798527
CIELab	88.64, -41.06, -17.82
CIELCh	89, 44.758, 203.461
Yxy	73.3973, 0.2260, 0.3166
Android (android.graphics.Color)	4281988607 (0xFF39F5FF)
YUV	189.9280, 32.0805, -116.5779
Hunter-Lab	85.6707, -40.7665, -13.3989

Details

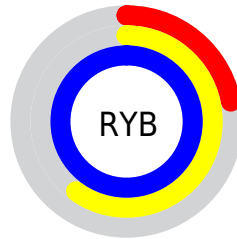
The HunterLab color **85.6707, -40.7665, -13.3989** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **50.5682, 66.7742, 27.7878**, and the grayscale version is **71.6342, -3.8222, 3.8920**.

A 20% lighter version of the original color is **91.6375, -35.7718, -5.3715**, and **63.2801, -31.2607, -11.6118** is the 20% darker color. If you saturate the color by 10%, you get **84.8823, -41.5140, -14.5059**, and if you desaturate by 10%, it is **86.6752, -39.1981, -11.9937**.

Distribution



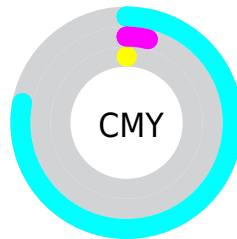
- Red (22%)
- Green (96%)
- Blue (100%)



- Red (22%)
- Yellow (60%)
- Blue (100%)



- Cyan (78%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)




- Cyan (78%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.6707, -40.7665, -13.3989 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 85.6707, -40.7665, -13.3989 by changing the saturation by 10% instead.


 85.6707, -40.7665,
-13.3989


 85.6707, -40.7665,
-13.3989


217.3455,
-63.1409, -11.7283


 73.6891, -38.0142,
-13.3383


 111.3737,
-46.0448, -13.3477


 62.3236, -35.1620,
-13.2196


 125.0429,
-48.5954, -13.2467

 51.6111, -32.1852,
-13.0366


 139.2296,
-51.0998, -13.0985

 41.5943, -29.0483,
-12.7855

 153.9156,
-53.5652, -12.9057

 32.3252, -25.7002,
-12.4639

169.0844,
-55.9975, -12.6703

 23.8701, -22.0622,
-12.0740

184.7213,

 16.3163, -18.0048,

-58.4015, -12.3945

-11.6339

200.8124,
-60.7815, -12.0800

■ 9.7879, -17.1289,
-11.2216

0.0000, NaN, -NF

■ 85.6707, -40.7665,
-13.3989

■ 85.6707, -40.7665,
-13.3989

■ 84.8823, -41.5140,
-14.5059

■ 86.6752, -39.1981,
-11.9937

■ 84.2724, -41.5594,
-15.3607

■ 87.9120, -36.7416,
-10.2781

■ 84.1418, -41.5184,
-15.5438

■ 89.3965, -33.3679,
-8.2447

■ 91.1369, -29.0773,
-5.8989

■ 93.1368, -23.8942,
-3.2542

■ 95.3958, -17.8626,
-0.3305

■ 97.9103, -11.0402,
2.8484

■ 100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



85.6722, -43.4673, 9.2200



85.6707, -40.7665, -13.3989



85.6722, -28.8467, -35.4400

Triad

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



85.6722, -40.7670, -13.3968



85.6722, 33.0369, -23.6425



85.6722, 0.4080, 36.3075

Complementary

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



85.6707, -40.7665, -13.3989



50.5682, 66.7742, 27.7878

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.



85.6722, 22.7394, 31.5819



85.6707, -40.7665, -13.3989



85.6722, 42.7926, -0.1581

Square

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



85.6722, -40.7670, -13.3968



85.6722, 13.3414, -42.3430



85.6722, 38.8424, 19.4862



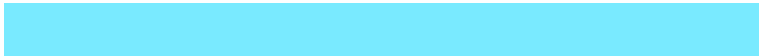
85.6722, -21.1318, 34.4824

Rectangle

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



85.6707, -40.7665, -13.3989



85.6722, -16.5495, -44.9259



85.6722, 38.8424, 19.4862



85.6722, 8.0938, 35.4831

Sweetspot

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



85.6722, -40.7670, -13.3968



94.1530, -21.1975, -1.9308



85.3197, -68.8485, 47.6874



43.1913, -10.7854, -1.3723

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.6722, -40.7670, -13.3968



84.5363, -41.6130, -14.9913



53.5554, 6.3814, -71.6258



45.0721, -5.7224, 1.0353



60.8788, -30.0805, -11.1579



19.1180, -9.5344, -3.3137

Inverse Universe

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



55.4804, 93.3315, -56.5004



53.0664, 101.0030, -60.2941



69.8530, 19.8314, 40.1029



42.7593, 3.4466, -1.3645



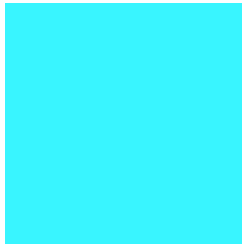
38.0387, 73.9769, -43.9035



11.8891, 23.1520, -13.9565

Previews

White Background



This preview shows how the HunterLab color 85.6707, -40.7665, -13.3989 looks on a white background.

Color Contrast Check

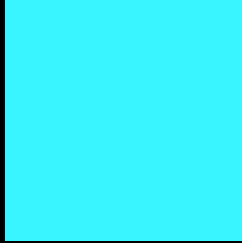
Large Text (above 18pt) WCAG AA × Fail

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 85.6707, -40.7665, -13.3989 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 85.6707, -40.7665, -13.3989 Background



This preview shows how black text looks on a background with the HunterLab color 85.6707, -40.7665, -13.3989.



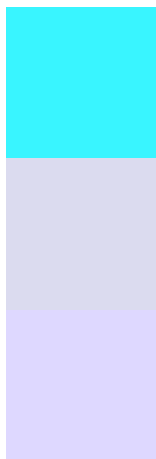
This preview shows how white text looks on a background with the HunterLab color 85.6707,

-40.7665, -13.3989.

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

85.6707, -40.7665, -13.3989

Protanopia

84.8264, -0.8823, -4.8236

Deuteranopia

84.7711, 4.7963, -13.8504



Tritanopia

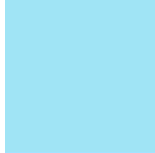
85.4505, -30.8839, -13.5302

Trichromacy



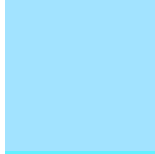
Original Color

85.6707, -40.7665, -13.3989



Protanomaly

83.3984, -20.2628, -10.3791



Deuteranomaly

83.5701, -17.1959, -15.9264



Tritanomaly

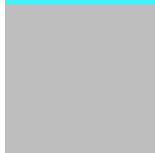
85.2803, -35.0781, -13.8396

Monochromacy



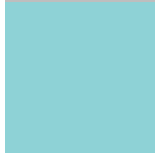
Original Color

85.6707, -40.7665, -13.3989



Achromatopsia

71.7578, -3.8288, 3.8987



Achromatomaly

75.2987, -21.9223, -4.0779

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.6707, -40.7665, -13.3989 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(57, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(57, 245, 255)  
}
```

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(57, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 245, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 85.6707, -40.7665, -13.3989 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(57, 245, 255) }
```


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

```
.border{ border-color:rgb(57, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(57, 245,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.6707, -40.7665, -13.3989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 245, 255) }
```

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

```
.background{ background-color: rgb(57, 245,  
255) }
```

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