

Converting Colors

HunterLab(83.5476, -40.3678,
1.4902)

Have a look what the booklet for
HunterLab(83.5476, -40.3678,
1.4902) contains.

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Color

**HunterLab(83.5654,
-40.4390, 1.7527)**

Conversions

Conversions Part 1

Format	Color
Hex	66EFDE
RGB	102, 239, 222
RGB Percent	40%, 94%, 87%
CMY	0.6000, 0.0627, 0.1294
CMYK	0.57, 0.00, 0.07, 0.06
HSL	173°, 81%, 67%
HSV	173°, 57%, 94%
XYZ	49.5309, 69.8318, 79.9757
YIQ	196.0990, -76.1950, -34.3310

Conversions

Conversions Part 2

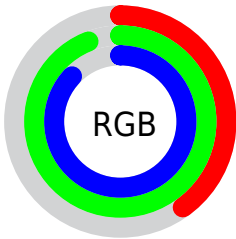
Format	Color
RYB	102, 175, 239
Decimal	6746078
CIELab	86.92, -41.24, -3.01
CIELCh	87, 41.345, 184.179
Yxy	69.8345, 0.2485, 0.3503
Android (android.graphics.Color)	4284936158 (0xFF66EFDE)
YUV	196.0990, 12.7692, -82.5248
Hunter-Lab	83.5654, -40.4390, 1.7527

Details

The HunterLab color **83.5654, -40.4390, 1.7527** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **54.0254, 49.7750, 15.0054**, and the grayscale version is **74.3120, -3.9651, 4.0375**.

A 20% lighter version of the original color is **93.0766, -30.3277, -3.4429**, and **60.3113, -34.6540, 0.6167** is the 20% darker color. If you saturate the color by 10%, you get **82.7501, -43.8410, 2.1871**, and if you desaturate by 10%, it is **84.6158, -36.1789, 1.6090**.

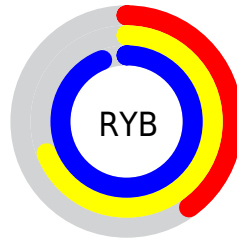
Distribution



Red (40%)

Green (94%)

Blue (87%)



Red (40%)

Yellow (69%)

Blue (94%)

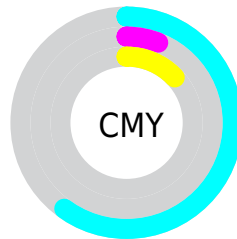


Cyan (57%)

Magenta (0%)

Yellow (7%)

Black (6%)



Cyan (60%)


Magenta (6%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.5654, -40.4390, 1.7527 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 83.5654, -40.4390, 1.7527 by changing the saturation by 10% instead.


 83.5654, -40.4390,
1.7527


 83.5654, -40.4390,
1.7527


214.4688,
-62.9468, 7.8775


 71.6879, -37.6613,
1.2416


 109.0746,
-45.7589, 2.8911

 60.4321, -34.7791,
0.7705


 122.6527,
-48.3267, 3.5120

 49.8361, -31.7661,
0.3437


 136.7516,
-50.8466, 4.1656

 39.9439, -28.5846,
-0.0346

151.3529,
-53.3259, 4.8504

 30.8098, -25.1795,
-0.3592

166.4398,
-55.7709, 5.5650

 22.5028, -21.4649,
-0.6229

181.9970,

 15.1153, -17.3198,

-58.1866, 6.3084

-0.8153

198.0109,
-60.5774, 7.0795

■ 8.7499, -15.3123,
-0.9661

0.0000, NaN, NaN

■ 83.5654, -40.4390,
1.7527

■ 83.5654, -40.4390,
1.7527

■ 82.7501, -43.8410,
2.1871

■ 84.6158, -36.1789,
1.6090

■ 82.1503, -46.4115,
2.8866

■ 85.9062, -31.0587,
1.7666

■ 81.7467, -48.2124,
3.8205

■ 87.4438, -25.1025,
2.2327

■ 81.5087, -49.3531,
4.9439

■ 89.2304, -18.3527,
3.0061

■ 81.4590, -49.6017,
5.2592

■ 91.2644, -10.8665,
4.0792

■ 93.5418, -2.7101,
5.4397

■ 94.5792, 1.0410,
5.2582

■ 94.6745, 1.5570,
3.8987

■ 94.7713, 2.0802,
2.5200

Harmonies

Analogous

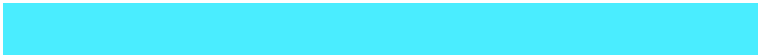
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.5670, -37.2382, 19.3637



83.5654, -40.4390, 1.7527



83.5670, -34.7957, -19.5308

Triad

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



83.5670, -40.4396, 1.7538



83.5670, 18.9936, -33.0495



83.5670, 13.5140, 31.8726

Complementary

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



83.5654, -40.4390, 1.7527



54.0254, 49.7750, 15.0054

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.



83.5670, 30.9265, 23.0820



83.5654, -40.4390, 1.7527



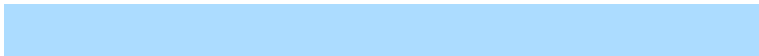
83.5670, 34.2991, -13.6002

Square

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



83.5670, -40.4396, 1.7538



83.5670, -1.5549, -42.4796



83.5670, 38.8632, 7.2505



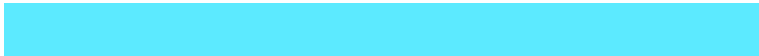
83.5670, -7.3327, 34.0964

Rectangle

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



83.5654, -40.4390, 1.7527



83.5670, -26.4221, -32.1704



83.5670, 38.8632, 7.2505



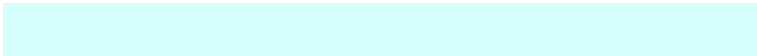
83.5670, 20.0264, 29.7134

Sweetspot

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



83.5670, -40.4396, 1.7538



96.0955, -19.5530, 3.2616



81.6745, -53.2161, 40.2695



44.2682, -9.7562, 1.4184

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.5670, -40.4396, 1.7538



88.9252, -47.7867, 2.4774



67.3455, -13.9305, -30.6420



42.3004, -5.8418, 1.7809



60.5654, -36.8057, 3.7515



17.4956, -10.4539, 0.6989

Inverse Universe

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



54.0254, 49.7750, 15.0054



52.7224, 64.7726, 19.8085



64.6875, 22.7353, 28.7353



39.7376, 1.6686, 2.7798



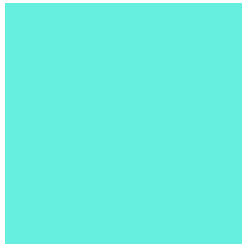
31.9406, 54.8902, 19.1587



9.2677, 16.0358, 4.7124

Previews

White Background



This preview shows how the HunterLab color 83.5654, -40.4390, 1.7527 looks on a white background.

Color Contrast Check

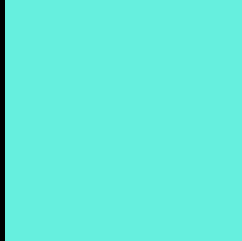
Large Text (above 18pt) WCAG AA × Fail

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 83.5654, -40.4390, 1.7527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

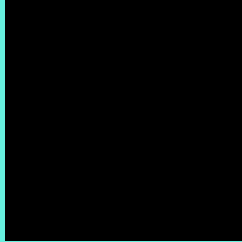
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

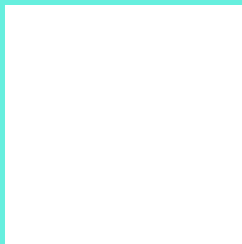
Any Text WCAG AAA ✓ Pass

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

HunterLab 83.5654, -40.4390, 1.7527 Background



This preview shows how black text looks on a background with the HunterLab color 83.5654, -40.4390, 1.7527.



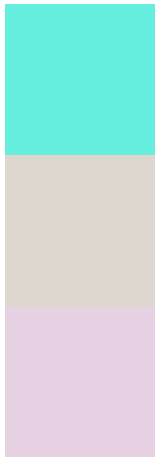
This preview shows how white text looks on a background with the HunterLab color 83.5654,

-40.4390, 1.7527.

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

83.5654, -40.4390, 1.7527

Protanopia

82.8761, -3.2910, 8.3188

Deuteranopia

82.8755, 5.7472, -1.3421



Tritanopia

83.3756, -30.1012, -15.2346

Trichromacy



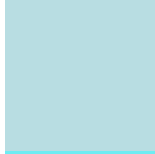
Original Color

83.5654, -40.4390, 1.7527



Protanomaly

82.2073, -20.0399, 4.9032



Deuteranomaly

82.0940, -14.6152, -1.6348



Tritanomaly

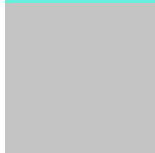
83.4965, -33.9845, -8.7954

Monochromacy



Original Color

83.5654, -40.4390, 1.7527



Achromatopsia

74.2975, -3.9643, 4.0367



Achromatomaly

76.9260, -19.8455, 2.5379

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.5654, -40.4390, 1.7527 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(102, 239, 222)` looks like.

```
.text, #text, p{  
    color:rgb(102, 239, 222)  
}
```

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(102, 239, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 239, 222) }
```

Border

The CSS property to change the border of an element to HunterLab 83.5654, -40.4390, 1.7527 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(102, 239, 222) }
```


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

```
.border{ border-color:rgb(102, 239, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 239, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 239, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 239, 222);  
box-shadow:4px 4px 4px 4px rgb(102, 239,  
222) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.5654, -40.4390, 1.7527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 239, 222) }
```

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

```
.background{ background-color: rgb(102,  
239, 222) }
```

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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