

# Converting Colors

HunterLab(80.0411, -40.6340,  
0.3352)

Have a look what the booklet for  
HunterLab(80.0411, -40.6340,  
0.3352) contains.

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# Color

**HunterLab(79.9397,  
-40.6400, 0.3629)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52E7D8
RGB	82, 231, 216
RGB Percent	32%, 91%, 85%
CMY	0.6784, 0.0941, 0.1529
CMYK	0.64, 0.00, 0.06, 0.09
HSL	174°, 76%, 61%
HSV	174°, 64%, 91%
XYZ	44.4503, 63.9036, 74.9576
YIQ	184.7390, -83.9890, -36.2530

# Conversions

## Conversions Part 2

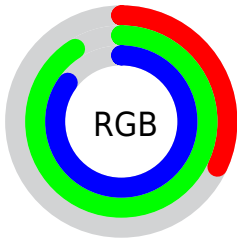
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 160, 231
Decimal	5433304
CIELab	83.92, -42.57, -4.33
CIELCh	84, 42.785, 185.805
Yxy	63.9060, 0.2425, 0.3486
Android (android.graphics.Color)	4283623384 (0xFF52E7D8)
YUV	184.7390, 15.4117, -90.1021
Hunter-Lab	79.9397, -40.6400, 0.3629

# Details

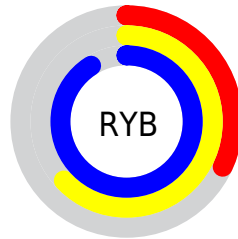
The HunterLab color **79.9397, -40.6400, 0.3629** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **48.8758, 53.7302, 17.3360**, and the grayscale version is **69.5076, -3.7088, 3.7765**.

A 20% lighter version of the original color is **92.1646, -33.7670, -4.6615**, and **57.6482, -33.4981, 0.2576** is the 20% darker color. If you saturate the color by 10%, you get **79.3217, -43.2386, 0.7305**, and if you desaturate by 10%, it is **80.7730, -37.2377, 0.2668**.

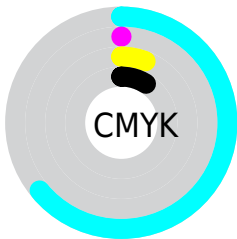
# Distribution



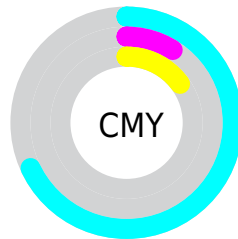
- Red (32%)
- Green (91%)
- Blue (85%)



- Red (32%)
- Yellow (63%)
- Blue (91%)



- Cyan (64%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)




- Cyan (68%)
- Magenta (9%)
- Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.9397, -40.6400, 0.3629 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 79.9397, -40.6400, 0.3629 by changing the saturation by 10% instead.





 79.9397, -40.6400,  
0.3629


 79.9397, -40.6400,  
0.3629


209.4875,  
-63.7986, 5.9701


 68.2456, -37.7576,  
-0.0784


 105.1074,  
-46.1411, 1.3710

 57.1834, -34.7581,  
-0.4758


 118.5253,  
-48.7891, 1.9309

 46.7935, -31.6113,  
-0.8243


 132.4701,  
-51.3835, 2.5256

 37.1224, -28.2734,  
-1.1188

 146.9226,  
-53.9329, 3.1535

 28.2282, -24.6792,  
-1.3528

161.8655,  
-56.4439, 3.8132

 20.1858, -20.7263,  
-1.5171

177.2832,

 13.0974, -17.1248,

-58.9221, 4.5032

-1.5986

193.1615,  
-61.3724, 5.2226

■ 6.5849, -11.5237,  
-2.3655

0.0000, NaN, NaN

■ 79.9397, -40.6400,  
0.3629

■ 79.9397, -40.6400,  
0.3629

■ 79.3217, -43.2386,  
0.7305

■ 80.7730, -37.2377,  
0.2668

■ 78.8963, -45.0822,  
1.3402


■ 81.8298, -33.0103,  
0.4563


■ 78.6396, -46.2574,  
2.1566


■ 83.1200, -27.9635,  
0.9416

■ 78.5464, -46.7120,  
2.6616

■ 84.6478, -22.1239,  
1.7245

 86.4141, -15.5356,  
2.8000

 88.4169, -8.2548,  
4.1577

 90.6517, -0.3462,  
5.7831

 91.8637, 3.9272,  
6.1381

 91.9372, 4.3225,  
5.0895

# Harmonies

## Analogous

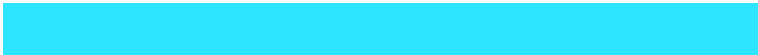
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.9412, -37.9003, 18.5611



79.9397, -40.6400, 0.3629



79.9412, -34.4819, -21.5708

# Triad

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



79.9412, -40.6404, 0.3639



79.9412, 20.7789, -33.5369



79.9412, 12.9806, 32.0797

# Complementary

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



79.9397, -40.6400, 0.3629



48.8758, 53.7302, 17.3360

# 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.



79.9412, 31.2250, 23.7365



79.9397, -40.6400, 0.3629



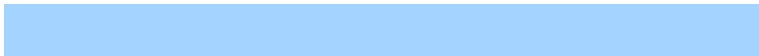
79.9412, 36.0431, -13.0666

# Square

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



79.9412, -40.6404, 0.3639



79.9412, -0.1403, -44.1342



79.9412, 40.0501, 8.1435



79.9412, -8.3170, 33.9324



# Rectangle

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



79.9397, -40.6400, 0.3629



79.9412, -25.7425, -34.4342



79.9412, 40.0501, 8.1435



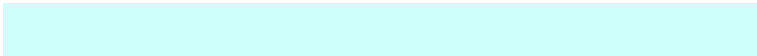
79.9412, 19.7398, 30.0699

# Sweetspot

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



79.9412, -40.6404, 0.3639



95.7238, -20.8716, 2.5383



77.7418, -55.0235, 40.8518



44.0270, -10.6258, 1.0187

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



79.9412, -40.6404, 0.3639



88.5724, -49.0539, 0.9896



61.4759, -11.7093, -35.2396



40.3857, -5.5189, 1.5947



58.8190, -34.9202, 1.8642



16.0120, -9.3560, 0.1833



# Inverse Universe

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



48.8758, 53.7302, 17.3360



49.9081, 70.6606, 23.3335



60.0829, 24.7716, 29.5778



37.9361, 1.5358, 2.7546



30.9319, 53.1127, 18.8953

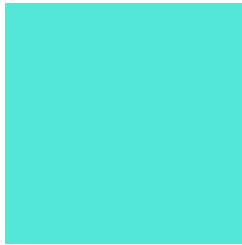


8.4561, 14.6144, 4.4326



# Previews

## White Background



This preview shows how the HunterLab color 79.9397, -40.6400, 0.3629 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

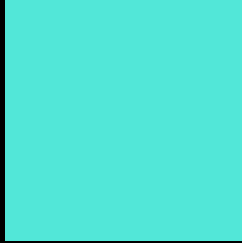
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 79.9397, -40.6400, 0.3629 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

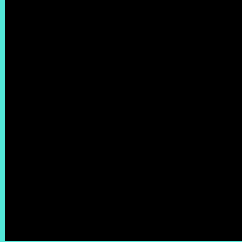
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

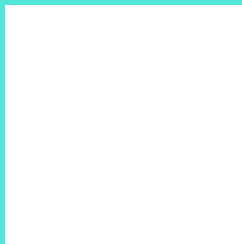
Any Text WCAG AAA ✓ Pass

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

# HunterLab 79.9397, -40.6400, 0.3629 Background



This preview shows how black text looks on a background with the HunterLab color 79.9397, -40.6400, 0.3629.



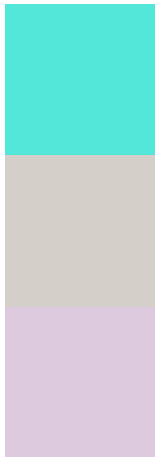
This preview shows how white text looks on a background with the HunterLab color 79.9397,

-40.6400, 0.3629.

# 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

79.9397, -40.6400, 0.3629

### Protanopia

79.3952, -3.1160, 7.1411

### Deuteranopia

79.3014, 5.5599, -2.7058



## Tritanopia

79.9773, -31.3348, -15.3081

# Trichromacy



## Original Color

79.9397, -40.6400, 0.3629



## Protanomaly

78.4959, -20.6309, 3.4196



## Deuteranomaly

78.2955, -15.5251, -3.3006



## Tritanomaly

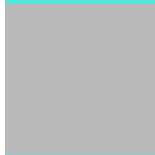
79.7502, -34.7884, -9.3386

# Monochromacy



## Original Color

79.9397, -40.6400, 0.3629



## Achromatopsia

69.6527, -3.7165, 3.7844



## Achromatomaly

72.4724, -20.1857, 1.5786

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 79.9397, -40.6400, 0.3629 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(82, 231, 216)` looks like.

```
.text, #text, p{  
    color:rgb(82, 231, 216)  
}
```

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(82, 231, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 231, 216) }
```

## Border

The CSS property to change the border of an element to HunterLab 79.9397, -40.6400, 0.3629 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(82, 231, 216) }
```



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

```
.border{ border-color:rgb(82, 231, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 231, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 231, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 231, 216);  
box-shadow:4px 4px 4px 4px rgb(82, 231,  
216) }
```

# Background

The CSS property to change the background color of an element to HunterLab 79.9397, -40.6400, 0.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 231, 216) }
```

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

```
.background{ background-color: rgb(82, 231,  
216) }
```

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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