

Converting Colors

HunterLab(80.5307, -39.1046,
-7.2966)

Have a look what the booklet for
HunterLab(80.5307, -39.1046,
-7.2966) contains.

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Color

**HunterLab(80.5242,
-39.0636, -7.2773)**

Conversions

Conversions Part 1

Format	Color
Hex	46E8E8
RGB	70, 232, 232
RGB Percent	27%, 91%, 91%
CMY	0.7255, 0.0902, 0.0902
CMYK	0.70, 0.00, 0.00, 0.09
HSL	180°, 78%, 59%
HSV	180°, 70%, 91%
XYZ	45.9479, 64.8415, 86.4379
YIQ	183.5620, -96.5520, -34.3440

Conversions

Conversions Part 2

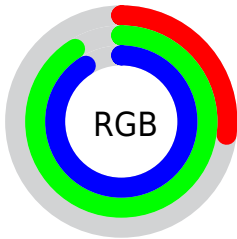
Format	Color
RYB	70, 151, 232
Decimal	4647144
CIELab	84.40, -40.35, -12.08
CIELCh	84, 42.121, 196.665
Yxy	64.8439, 0.2330, 0.3288
Android (android.graphics.Color)	4282837224 (0xFF46E8E8)
YUV	183.5620, 23.8799, -99.5939
Hunter-Lab	80.5242, -39.0636, -7.2773

Details

The HunterLab color **80.5242, -39.0636, -7.2773** 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 **46.8832, 57.2134, 22.5606**, and the grayscale version is **68.9835, -3.6808, 3.7480**.

A 20% lighter version of the original color is **91.8234, -35.0630, -5.1205**, and **58.4682, -30.9970, -6.1665** is the 20% darker color. If you saturate the color by 10%, you get **80.0882, -40.7797, -7.8827**, and if you desaturate by 10%, it is **81.1663, -36.5703, -6.3944**.

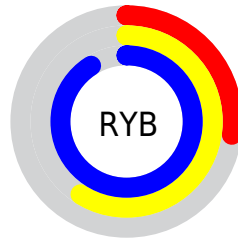
Distribution



Red (27%)

Green (91%)

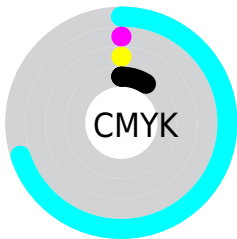
Blue (91%)



Red (27%)

Yellow (59%)

Blue (91%)

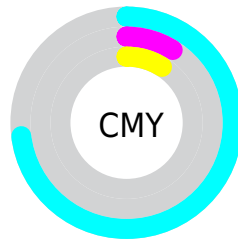


Cyan (70%)

Magenta (0%)

Yellow (0%)

Black (9%)



Cyan (73%)

Magenta (9%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.5242, -39.0636, -7.2773 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 80.5242, -39.0636, -7.2773 by changing the saturation by 10% instead.

80.5242, -39.0636,
-7.2773

80.5242, -39.0636,
-7.2773

210.2929,
-61.3130, -4.0974

68.8001, -36.3115,
-7.4022

105.7475,
-44.3274, -6.8678

57.7063, -33.4529,
-7.4705

119.1916,
-46.8664, -6.5924

47.2827, -30.4596,
-7.4759

133.1615,
-49.3571, -6.2733

37.5754, -27.2914,
-7.4123

147.6382,
-51.8073, -5.9129

28.6418, -23.8886,
-7.2728

162.6046,
-54.2232, -5.5134

20.5559, -20.1569,
-7.0507

178.0450,

13.4182, -16.4247,

-56.6100, -5.0766

-6.7440

193.9454,
-58.9721, -4.6041

■ 6.9819, -12.2183,
-7.3107

0.0000, NaN, -NF

■ 80.5242, -39.0636,
-7.2773

■ 80.5242, -39.0636,
-7.2773

■ 80.0882, -40.7797,
-7.8827

■ 81.1663, -36.5703,
-6.3944

■ 79.8316, -41.7912,
-8.2401


■ 82.0260, -33.2576,
-5.2222


■ 79.7145, -42.2540,
-8.4035


■ 83.1163, -29.1115,
-3.7540

■ 79.7129, -42.2605,
-8.4058


■ 84.4442, -24.1416,
-1.9926

 86.0129, -18.3774,
0.0524

 87.8224, -11.8646,
2.3658

 89.8702, -4.6605,
4.9280

 92.0878, 2.9556,
7.6406

 92.0878, 2.9557,
7.6404

Harmonies

Analogous

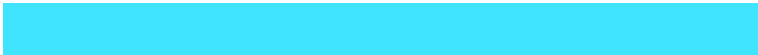
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.5257, -39.5564, 12.6534



80.5242, -39.0636, -7.2773



80.5257, -29.8887, -28.3908

Triad

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



80.5257, -39.0638, -7.2762



80.5257, 26.8164, -26.2489



80.5257, 5.1076, 33.2550

Complementary

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



80.5242, -39.0636, -7.2773



46.8832, 57.2134, 22.5606

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.



80.5257, 24.9438, 27.3876



80.5242, -39.0636, -7.2773



80.5257, 38.3064, -4.8693

Square

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



80.5257, -39.0638, -7.2762



80.5257, 7.4611, -41.1024



80.5257, 37.5884, 14.5239



80.5257, -15.4245, 32.9209

Rectangle

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



80.5242, -39.0636, -7.2773



80.5257, -19.5006, -38.8244



80.5257, 37.5884, 14.5239



80.5257, 12.1170, 32.0216

Sweetspot

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



80.5257, -39.0638, -7.2762



95.5091, -21.3298, -0.2513



77.1768, -59.4538, 42.0624



43.9546, -10.7179, -0.4178

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.5257, -39.0638, -7.2762



88.9984, -46.0056, -8.9905



54.9030, -3.0970, -48.6702



40.4184, -5.3375, 1.1300



59.3924, -31.4874, -6.2630



16.1452, -8.5595, -1.7026

Inverse Universe

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



46.8832, 57.2134, 22.5606



47.9487, 74.0184, 28.2699



62.3498, 19.7856, 33.2544



37.9052, 1.3693, 3.1962



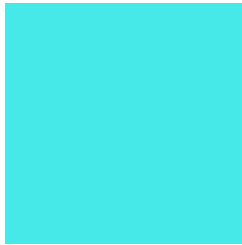
30.8614, 52.8510, 19.9418



8.3893, 14.3670, 5.4209

Previews

White Background



This preview shows how the HunterLab color 80.5242, -39.0636, -7.2773 looks on a white background.

Color Contrast Check

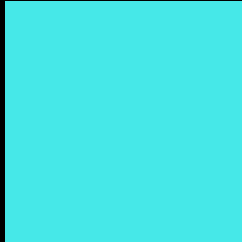
Large Text (above 18pt) WCAG AA × Fail

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 80.5242, -39.0636, -7.2773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

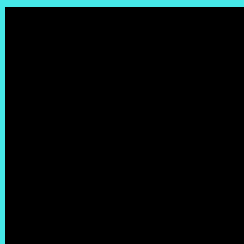
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

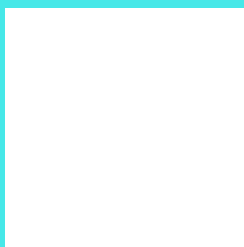
Any Text WCAG AAA ✓ Pass

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

HunterLab 80.5242, -39.0636, -7.2773 Background



This preview shows how black text looks on a background with the HunterLab color 80.5242, -39.0636, -7.2773.



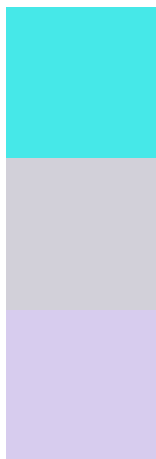
This preview shows how white text looks on a background with the HunterLab color 80.5242,

-39.0636, -7.2773.

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

80.5242, -39.0636, -7.2773

Protanopia

79.8894, -2.0402, 0.4728

Deuteranopia

79.8786, 5.5756, -10.7215



Tritanopia

80.6700, -33.7485, -16.1528

Trichromacy



Original Color

80.5242, -39.0636, -7.2773



Protanomaly

78.9117, -19.8013, -3.6451



Deuteranomaly

78.6325, -14.8260, -11.6428



Tritanomaly

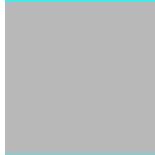
80.6840, -35.9267, -12.6418

Monochromacy



Original Color

80.5242, -39.0636, -7.2773



Achromatopsia

69.2330, -3.6941, 3.7616



Achromatomaly

71.9930, -19.9760, -1.4960

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.5242, -39.0636, -7.2773 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(70, 232, 232)` looks like.

```
.text, #text, p{  
  color:rgb(70, 232, 232)  
}
```

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(70, 232, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 232, 232) }
```

Border

The CSS property to change the border of an element to HunterLab 80.5242, -39.0636, -7.2773 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(70, 232, 232) }
```


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

```
.border{ border-color:rgb(70, 232, 232) }
```

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

Here you see how a box with a 4 pixel rgb(70, 232, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 232, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 232, 232);  
box-shadow:4px 4px 4px 4px rgb(70, 232,  
232) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.5242, -39.0636, -7.2773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 232, 232) }
```

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

```
.background{ background-color: rgb(70, 232,  
232) }
```

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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