

Converting Colors

HunterLab(66.1771, -40.5998,
4.9276)

Have a look what the booklet for
HunterLab(66.1771, -40.5998,
4.9276) contains.

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Color

**HunterLab(66.2008,
-40.7047, 5.1246)**

Conversions

Conversions Part 1

Format	Color
Hex	00C7AC
RGB	0, 199, 172
RGB Percent	0%, 78%, 67%
CMY	0.9999, 0.2196, 0.3255
CMYK	1.00, 0.00, 0.14, 0.22
HSL	172°, 100%, 39%
HSV	172°, 100%, 78%
XYZ	27.8699, 43.8255, 46.0201
YIQ	136.4210, -109.9370, -50.5850

Conversions

Conversions Part 2

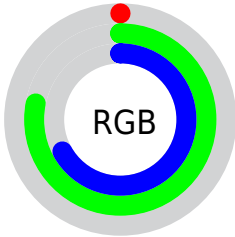
Format	Color
RYB	0, 107, 199
Decimal	51116
CIELab	72.11, -47.62, 1.82
CIELCh	72, 47.650, 177.805
Yxy	43.8271, 0.2368, 0.3723
Android (android.graphics.Color)	4278241196 (0xFF00C7AC)
YUV	136.4210, 17.5404, -119.6412
Hunter-Lab	66.2008, -40.7047, 5.1246

Details

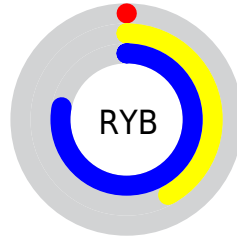
The HunterLab color **66.2008, -40.7047, 5.1246** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **34.9608, 60.0929, 20.8327**, and the grayscale version is **49.7544, -2.6548, 2.7033**.

A 20% lighter version of the original color is **89.3817, -46.3710, 6.0582**, and **46.1547, -29.0887, 5.1048** is the 20% darker color. If you saturate the color by 10%, you get **66.2018, -40.7064, 5.1270**, and if you desaturate by 10%, it is **66.3926, -39.7786, 4.1325**.

Distribution



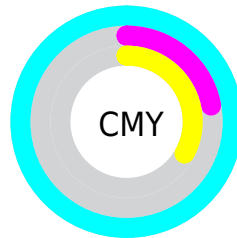
- Red (0%)
- Green (78%)
- Blue (67%)



- Red (0%)
- Yellow (42%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (22%)





- Cyan (100%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 66.2008, -40.7047, 5.1246 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 66.2008, -40.7047, 5.1246 by changing the saturation by 10% instead.


 66.2008, -40.7047,
5.1246

 66.2008, -40.7047,
5.1246


190.2636,
-66.5750, 12.5334


 55.2582, -37.3662,
4.4385


 89.9764, -46.9805,
6.5871


 44.9942, -33.8465,
3.7824


 102.7445,
-49.9654, 7.3600

 35.4585, -30.0925,
3.1583


 116.0651,
-52.8710, 8.1596

 26.7119, -26.0239,
2.5673

 129.9164,
-55.7100, 8.9853

 18.8330, -21.5142,
2.0102

 144.2786,
-58.4924, 9.8361

 11.9308, -19.2006,
1.4871

159.1342,

 4.8363, -8.4636,

-61.2264, 10.7115

1.8274

174.4674,
-63.9187, 11.6108

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.2008, -40.7047,
5.1246

■ 66.2008, -40.7047,
5.1246

■ 66.2018, -40.7064,
5.1270

■ 66.3926, -39.7786,
4.1325

■ 66.6982, -38.3917,
3.2646

■ 67.1567, -36.4022,
2.5736

■ 67.7854, -33.7570,
2.0865

■ 68.5969, -30.4296,

1.8229

■ 69.5994, -26.4161,
1.7959

■ 70.7980, -21.7320,
2.0122

■ 72.1947, -16.4082,
2.4730

■ 73.7887, -10.4875,
3.1743

Harmonies

Analogous

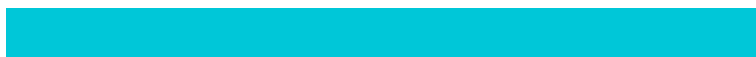
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.2021, -35.6468, 21.6489



66.2008, -40.7047, 5.1246



66.2021, -36.9334, -18.0337

Triad

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



66.2021, -40.7050, 5.1253



66.2021, 17.3604, -42.7499



66.2021, 20.5274, 29.4013

Complementary

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



66.2008, -40.7047, 5.1246



34.9608, 60.0929, 20.8327

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.



66.2021, 38.1612, 19.7517



66.2008, -40.7047, 5.1246



66.2021, 36.1714, -21.6032

Square

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



66.2021, -40.7050, 5.1253



66.2021, -5.1473, -50.4929



66.2021, 44.2254, 2.0448



66.2021, -1.9090, 32.5097

Rectangle

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



66.2008, -40.7047, 5.1246



66.2021, -29.6046, -33.6499



66.2021, 44.2254, 2.0448



66.2021, 27.3181, 27.0103

Sweetspot

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



66.2021, -40.7050, 5.1253



93.6021, -29.0577, 2.6424



64.1269, -53.8895, 38.5704



42.9783, -14.7116, 1.1504

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.2021, -40.7050, 5.1253



87.5833, -53.9547, 7.0012



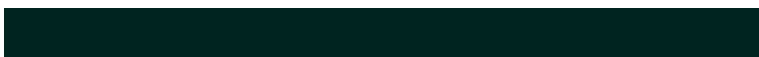
44.6322, -5.2869, -44.3708



34.7014, -4.7495, 1.5141



53.0944, -32.5873, 3.9832



11.5838, -6.9076, 0.4329

Inverse Universe

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



34.9608, 60.0929, 20.8327



46.2374, 79.4404, 27.8823



40.5981, 42.0551, 25.7512



32.6496, 1.3150, 2.2279



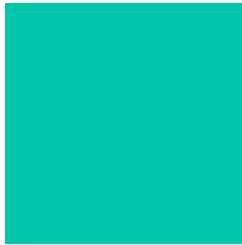
28.0467, 48.2393, 16.5063



6.1669, 10.7332, 2.6504

Previews

White Background



This preview shows how the HunterLab color 66.2008, -40.7047, 5.1246 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 66.2008, -40.7047, 5.1246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

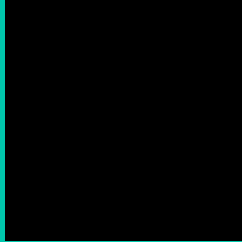
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

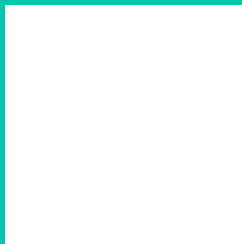
Any Text WCAG AAA ✓ Pass

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

HunterLab 66.2008, -40.7047, 5.1246 Background



This preview shows how black text looks on a background with the HunterLab color 66.2008, -40.7047, 5.1246.



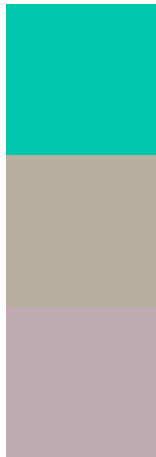
This preview shows how white text looks on a background with the HunterLab color 66.2008, -40.7047, 5.1246.

-40.7047, 5.1246.

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

66.2008, -40.7047, 5.1246

Protanopia

65.6569, -3.7615, 10.7715

Deuteranopia

65.6050, 4.6260, 2.4413



Tritanopia

66.3109, -29.0382, -13.5828

Trichromacy



Original Color

66.2008, -40.7047, 5.1246



Protanomaly

63.7764, -24.7221, 6.2147



Deuteranomaly

63.4980, -20.0796, 0.4233



Tritanomaly

66.1857, -33.9361, -6.5942

Monochromacy



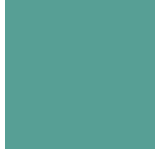
Original Color

66.2008, -40.7047, 5.1246



Achromatopsia

49.6187, -2.6475, 2.6959



Achromatomaly

53.8446, -22.1134, 1.4824

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.2008, -40.7047, 5.1246 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, 199, 172)` looks like.

```
.text, #text, p{  
    color:rgb(0, 199, 172)  
}
```

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, 199, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 199, 172) }
```

Border

The CSS property to change the border of an element to HunterLab 66.2008, -40.7047, 5.1246 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, 199, 172) }
```


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

```
.border{ border-color:rgb(0, 199, 172) }
```

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

Here you see how a box with a 4 pixel rgb(0, 199, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 199, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 199, 172);  
box-shadow:4px 4px 4px 4px rgb(0, 199,  
172) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.2008, -40.7047, 5.1246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 199, 172) }
```

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

```
.background{ background-color: rgb(0, 199,  
172) }
```

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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