

Converting Colors

HunterLab(66.3591, -39.5020,
2.3305)

Have a look what the booklet for
HunterLab(66.3591, -39.5020,
2.3305) contains.

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Color

**HunterLab(66.4090,
-39.4493, 2.1543)**

Conversions

Conversions Part 1

Format	Color
Hex	00C7B3
RGB	0, 199, 179
RGB Percent	0%, 78%, 70%
CMY	0.9999, 0.2196, 0.2980
CMYK	1.00, 0.00, 0.10, 0.22
HSL	174°, 100%, 39%
HSV	174°, 100%, 78%
XYZ	28.5601, 44.1016, 49.6550
YIQ	137.2190, -112.1840, -48.4080

Conversions

Conversions Part 2

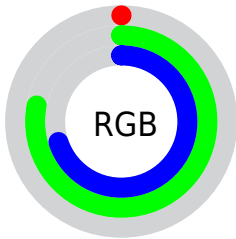
Format	Color
RYB	0, 105, 199
Decimal	51123
CIELab	72.30, -45.69, -1.71
CIELCh	72, 45.723, 182.142
Yxy	44.1032, 0.2335, 0.3606
Android (android.graphics.Color)	4278241203 (0xFF00C7B3)
YUV	137.2190, 20.5980, -120.3411
Hunter-Lab	66.4090, -39.4493, 2.1543

Details

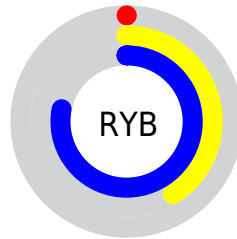
The HunterLab color **66.4090, -39.4493, 2.1543** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **34.9198, 59.9406, 21.4402**, and the grayscale version is **50.0606, -2.6711, 2.7199**.

A 20% lighter version of the original color is **89.6670, -44.7435, 2.4987**, and **46.3172, -28.1065, 2.7813** is the 20% darker color. If you saturate the color by 10%, you get **66.4100, -39.4509, 2.1564**, and if you desaturate by 10%, it is **66.5827, -38.6349, 1.4228**.

Distribution



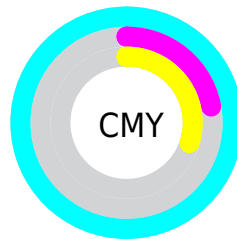
- Red (0%)
- Green (78%)
- Blue (70%)



- Red (0%)
- Yellow (41%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.4090, -39.4493, 2.1543 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 66.4090, -39.4493, 2.1543 by changing the saturation by 10% instead.

66.4090, -39.4493,
2.1543

66.4090, -39.4493,
2.1543

190.5595,
-64.4812, 8.3100

55.4542, -36.2342,
1.6419

90.2070, -45.5032,
3.2968

45.1772, -32.8491,
1.1710

102.9855,
-48.3870, 3.9209

35.6277, -29.2435,
0.7463

116.3161,
-51.1969, 4.5779

26.8658, -25.3416,
0.3727

130.1770,
-53.9448, 5.2663

18.9700, -21.0233,
0.0571

144.5485,
-56.6401, 5.9849

12.0485, -18.4393,
-0.1903

159.4130,

5.0432, -8.8256,

-59.2905, 6.7323

-1.1299

174.7549,
-61.9024, 7.5077

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.4090, -39.4493,
2.1543

■ 66.4090, -39.4493,
2.1543

■ 66.4100, -39.4509,
2.1564

■ 66.5827, -38.6349,
1.4228

■ 66.8694, -37.3660,
0.8273

■ 67.3080, -35.5004,
0.4206

■ 67.9161, -32.9837,
0.2280

■ 68.7063, -29.7879,

0.2671

■ 69.6872, -25.9072,
0.5489

■ 70.8638, -21.3551,
1.0776

■ 72.2384, -16.1610,
1.8520

■ 73.8105, -10.3662,
2.8657

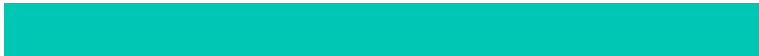
Harmonies

Analogous

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



66.4103, -35.7702, 19.2508



66.4090, -39.4493, 2.1543



66.4103, -34.5518, -20.3948

Triad

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



66.4103, -39.4495, 2.1551



66.4103, 19.4669, -38.1166



66.4103, 16.5135, 29.5010

Complementary

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



66.4090, -39.4493, 2.1543



34.9198, 59.9406, 21.4402

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.



66.4103, 34.4530, 21.0571



66.4090, -39.4493, 2.1543



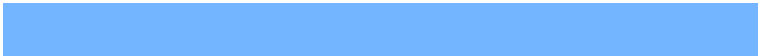
66.4103, 36.3025, -17.0877

Square

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



66.4103, -39.4495, 2.1551



66.4103, -2.0227, -47.7316



66.4103, 42.0987, 5.0423



66.4103, -5.0577, 31.7902

Rectangle

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



66.4090, -39.4493, 2.1543



66.4103, -26.6761, -34.6874



66.4103, 42.0987, 5.0423



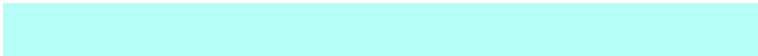
66.4103, 23.2568, 27.4531

Sweetspot

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



66.4103, -39.4495, 2.1551



93.6903, -28.5520, 1.3867



64.0574, -54.1861, 38.5223



43.0249, -14.4431, 0.4875

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.4103, -39.4495, 2.1551



87.8622, -52.2727, 3.0217



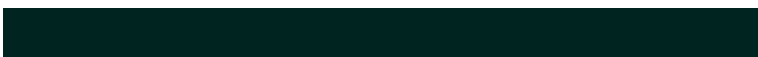
42.6889, -2.1189, -48.7804



34.7109, -4.6964, 1.3779



53.2594, -31.5927, 1.6300



11.6127, -6.7334, 0.0205

Inverse Universe

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



34.9198, 59.9406, 21.4402



46.1876, 79.2557, 28.6209



41.6579, 39.1908, 26.3541



32.6404, 1.2654, 2.3594



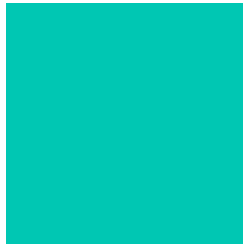
28.0112, 48.1080, 17.0310



6.1446, 10.6508, 2.9783

Previews

White Background



This preview shows how the HunterLab color 66.4090, -39.4493, 2.1543 looks on a white background.

Color Contrast Check

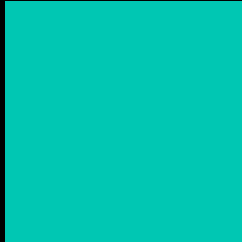
Large Text (above 18pt) WCAG AA × Fail

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 66.4090, -39.4493, 2.1543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

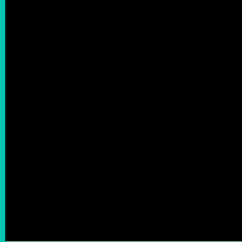
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

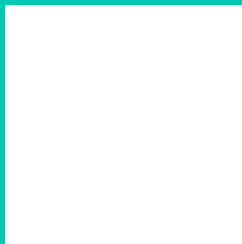
Any Text WCAG AAA ✓ Pass

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

HunterLab 66.4090, -39.4493, 2.1543 Background



This preview shows how black text looks on a background with the HunterLab color 66.4090, -39.4493, 2.1543.



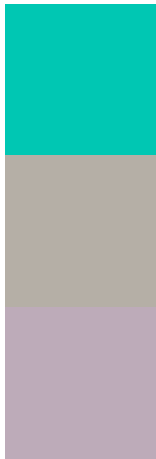
This preview shows how white text looks on a background with the HunterLab color 66.4090,

-39.4493, 2.1543.

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

66.4090, -39.4493, 2.1543

Protanopia

65.7548, -3.0407, 7.9350

Deuteranopia

65.9147, 4.6324, -0.5885



Tritanopia

66.2876, -29.0529, -14.1987

Trichromacy



Original Color

66.4090, -39.4493, 2.1543



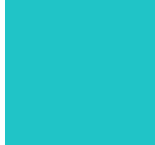
Protanomaly

63.9266, -23.7437, 3.2420



Deuteranomaly

63.6080, -19.2215, -2.9002



Tritanomaly

66.2650, -33.4159, -8.0982

Monochromacy



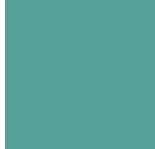
Original Color

66.4090, -39.4493, 2.1543



Achromatopsia

50.0158, -2.6687, 2.7175



Achromatomaly

54.2539, -22.0071, 0.5825

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.4090, -39.4493, 2.1543 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(0, 199, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 199, 179) }
```

Border

The CSS property to change the border of an element to HunterLab 66.4090, -39.4493, 2.1543 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, 179) }
```


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

```
.border{ border-color:rgb(0, 199, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 199, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 199, 179);  
box-shadow:4px 4px 4px 4px rgb(0, 199,  
179) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.4090, -39.4493, 2.1543 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, 179) }
```

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

```
.background{ background-color: rgb(0, 199,  
179) }
```

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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