

Converting Colors

HunterLab(61.1541, -44.7155,
5.2400)

Have a look what the booklet for
HunterLab(61.1541, -44.7155,
5.2400) contains.

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Color

**HunterLab(62.3686,
-39.1526, 6.5640)**

Conversions

Conversions Part 1

Format	Color
Hex	00BD9F
RGB	0, 189, 159
RGB Percent	0%, 74%, 62%
CMY	0.9999, 0.2588, 0.3765
CMYK	1.00, 0.00, 0.16, 0.26
HSL	170°, 100%, 37%
HSV	170°, 100%, 74%
XYZ	24.4556, 38.8984, 39.0201
YIQ	129.0690, -103.0140, -49.3980

Conversions

Conversions Part 2

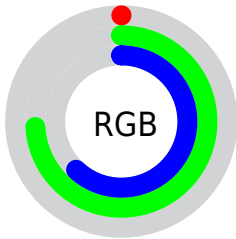
Format	Color
RYB	0, 103, 189
Decimal	48543
CIELab	68.68, -46.97, 3.94
CIELCh	69, 47.137, 175.210
Yxy	38.8999, 0.2389, 0.3800
Android (android.graphics.Color)	4278238623 (0xFF00BD9F)
YUV	129.0690, 14.7560, -113.1935
Hunter-Lab	62.3686, -39.1526, 6.5640

Details

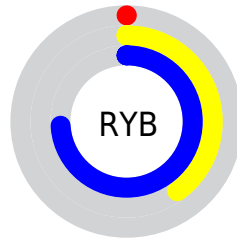
The HunterLab color **62.3686, -39.1526, 6.5640** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **33.0359, 56.8544, 19.1439**, and the grayscale version is **46.8577, -2.5002, 2.5459**.

A 20% lighter version of the original color is **85.6850, -45.2904, 7.9849**, and **42.9076, -27.7849, 6.3489** is the 20% darker color. If you saturate the color by 10%, you get **62.3695, -39.1542, 6.5663**, and if you desaturate by 10%, it is **62.5643, -38.1975, 5.4887**.

Distribution



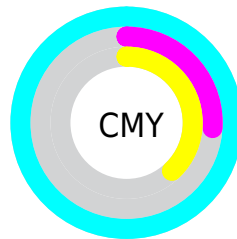
- Red (0%)
- Green (74%)
- Blue (62%)



- Red (0%)
- Yellow (40%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.3686, -39.1526, 6.5640 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 62.3686, -39.1526, 6.5640 by changing the saturation by 10% instead.

62.3686, -39.1526,
6.5640

62.3686, -39.1526,
6.5640

184.7877,
-64.9618, 14.6751

51.6545, -35.7984,
5.7775

85.7236, -45.4367,
8.2087

41.6347, -32.2505,
5.0133

98.2963, -48.4183,
9.0656

32.3624, -28.4490,
4.2708

111.4298,
-51.3174, 9.9453

23.9036, -24.3024,
3.5479

125.1012,
-54.1475, 10.8476

16.3458, -19.6644,
2.8397

139.2900,
-56.9190, 11.7721

9.8129, -17.1725,
2.2110

153.9780,

0.0000, NaN, NaN

-59.6408, 12.7184

0.0000, NaN, NaN

169.1489,
-62.3197, 13.6862

0.0000, NaN, NaN

■ 62.3686, -39.1526,
6.5640

■ 62.3686, -39.1526,
6.5640

■ 62.3695, -39.1542,
6.5663

■ 62.5643, -38.1975,
5.4887

■ 62.8665, -36.8094,
4.5203

■ 63.3132, -34.8504,
3.7100

■ 63.9205, -32.2725,
3.0836

■ 64.6996, -29.0523,
2.6607

■ 65.6584, -25.1878,
2.4545

■ 66.8013, -20.6947,
2.4730

■ 68.1300, -15.6031,
2.7184

■ 69.6438, -9.9543,
3.1886

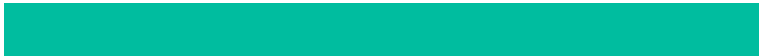
Harmonies

Analogous

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



62.3698, -33.5552, 21.7994



62.3686, -39.1526, 6.5640



62.3698, -36.2582, -15.6052

Triad

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



62.3698, -39.1529, 6.5647



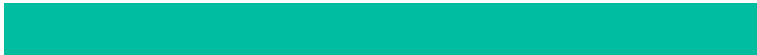
62.3698, 15.1089, -43.2006



62.3698, 21.8265, 27.6813

Complementary

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



62.3686, -39.1526, 6.5640



33.0359, 56.8544, 19.1439

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.



62.3698, 38.2638, 17.8264



62.3686, -39.1526, 6.5640



62.3698, 34.0345, -23.2079

Square

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



62.3698, -39.1529, 6.5647



62.3698, -6.7180, -49.3127



62.3698, 43.0057, 0.0496



62.3698, 0.1294, 31.0953

Rectangle

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



62.3686, -39.1526, 6.5640



62.3698, -29.6659, -31.1087



62.3698, 43.0057, 0.0496



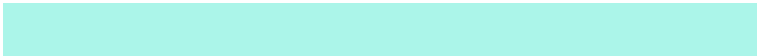
62.3698, 28.2593, 25.2149

Sweetspot

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



62.3698, -39.1529, 6.5647



89.3160, -28.0116, 3.3011



60.5773, -50.6740, 36.4395



41.1079, -14.2041, 1.5118



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



62.3698, -39.1529, 6.5647



83.4488, -52.5066, 9.0429



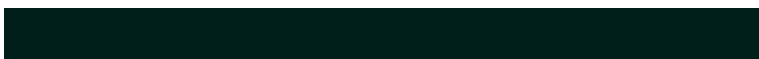
43.1266, -6.5647, -39.7308



32.8372, -4.5099, 1.5187



51.1677, -32.0609, 5.2551



10.1619, -6.1340, 0.5402

Inverse Universe

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



33.0359, 56.8544, 19.1439



44.1838, 75.9956, 25.9964



37.9163, 40.8217, 24.0772



30.9199, 1.2546, 2.0248



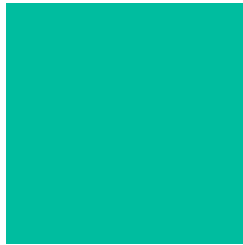
27.1106, 46.6883, 15.4991



5.4386, 9.5095, 1.9969

Previews

White Background



This preview shows how the HunterLab color 62.3686, -39.1526, 6.5640 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 62.3686, -39.1526, 6.5640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

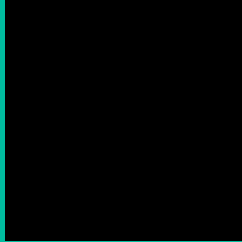
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

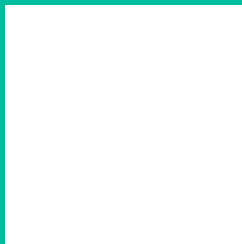
Any Text WCAG AAA ✓ Pass

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

HunterLab 62.3686, -39.1526, 6.5640 Background



This preview shows how black text looks on a background with the HunterLab color 62.3686, -39.1526, 6.5640.



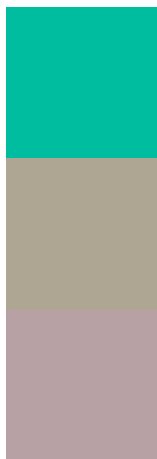
This preview shows how white text looks on a background with the HunterLab color 62.3686, -39.1526, 6.5640.

-39.1526, 6.5640.

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

62.3686, -39.1526, 6.5640

Protanopia

61.9497, -3.6506, 11.6906

Deuteranopia

61.8657, 4.4482, 4.0839



Tritanopia

62.2322, -26.7360, -13.0211

Trichromacy



Original Color

62.3686, -39.1526, 6.5640



Protanomaly

59.9049, -23.5542, 7.5231



Deuteranomaly

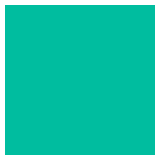
59.5677, -19.2117, 1.8803



Tritanomaly

62.0473, -31.8853, -5.6571

Monochromacy



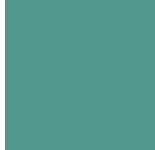
Original Color

62.3686, -39.1526, 6.5640



Achromatopsia

46.8536, -2.5000, 2.5456



Achromatomaly

50.8139, -21.1975, 1.9906

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.3686, -39.1526, 6.5640 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, 189, 159)` looks like.

```
.text, #text, p{  
    color:rgb(0, 189, 159)  
}
```

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, 189, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 159) }
```

Border

The CSS property to change the border of an element to HunterLab 62.3686, -39.1526, 6.5640 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, 189, 159) }
```


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

```
.border{ border-color:rgb(0, 189, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 189, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 189, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 189, 159);  
box-shadow:4px 4px 4px 4px rgb(0, 189,  
159) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.3686, -39.1526, 6.5640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 189, 159) }
```

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

```
.background{ background-color: rgb(0, 189,  
159) }
```

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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