

Converting Colors

HunterLab(63.2245, -39.5194,
6.2860)

Have a look what the booklet for
HunterLab(63.2245, -39.5194,
6.2860) contains.

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Color

**HunterLab(63.1429,
-39.3962, 6.1220)**

Conversions

Conversions Part 1

Format	Color
Hex	00BFA2
RGB	0, 191, 162
RGB Percent	0%, 75%, 64%
CMY	0.9999, 0.2510, 0.3647
CMYK	1.00, 0.00, 0.15, 0.25
HSL	171°, 100%, 37%
HSV	171°, 100%, 75%
XYZ	25.1524, 39.8703, 40.5525
YIQ	130.5850, -104.5270, -49.5110

Conversions

Conversions Part 2

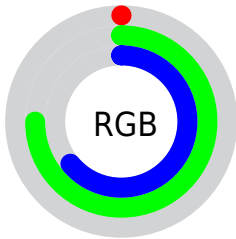
Format	Color
RYB	0, 103, 191
Decimal	49058
CIELab	69.38, -47.00, 3.31
CIELCh	69, 47.112, 175.976
Yxy	39.8718, 0.2382, 0.3776
Android (android.graphics.Color)	4278239138 (0xFF00BFA2)
YUV	130.5850, 15.4876, -114.5230
Hunter-Lab	63.1429, -39.3962, 6.1220

Details

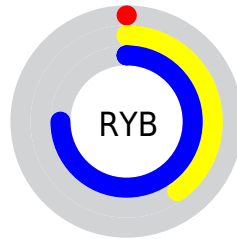
The HunterLab color **63.1429, -39.3962, 6.1220** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **33.4159, 57.4869, 19.5313**, and the grayscale version is **47.4520, -2.5319, 2.5782**.

A 20% lighter version of the original color is **86.5181, -45.4695, 7.5298**, and **43.2829, -27.8295, 5.9761** is the 20% darker color. If you saturate the color by 10%, you get **63.1438, -39.3978, 6.1243**, and if you desaturate by 10%, it is **63.3370, -38.4522, 5.0757**.

Distribution



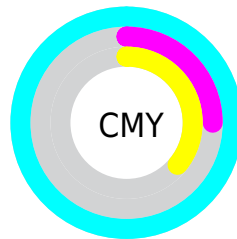
- Red (0%)
- Green (75%)
- Blue (64%)



- Red (0%)
- Yellow (40%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)





- Cyan (100%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.1429, -39.3962, 6.1220 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 63.1429, -39.3962, 6.1220 by changing the saturation by 10% instead.


 63.1429, -39.3962,
6.1220


 63.1429, -39.3962,
6.1220


185.8986,
-65.1703, 14.0129


 52.3819, -36.0523,
5.3671


 86.5842, -45.6659,
7.7094


 42.3118, -32.5181,
4.6370


 99.1969, -48.6424,
8.5399


 32.9853, -28.7351,
3.9320


 112.3688,
-51.5375, 9.3945

 24.4671, -24.6146,
3.2509

 126.0770,
-54.3642, 10.2728

 16.8428, -20.0133,
2.5909

 140.3013,
-57.1330, 11.1742

 10.2330, -17.9077,
1.9526

155.0236,

0.0000, NaN, NaN

-59.8525, 12.0984

0.0000, NaN, NaN

170.2276,
-62.5297, 13.0447

0.0000, NaN, NaN

■ 63.1429, -39.3962,
6.1220

■ 63.1429, -39.3962,
6.1220

■ 63.1438, -39.3978,
6.1243

■ 63.3370, -38.4522,
5.0757

■ 63.6389, -37.0702,
4.1406

■ 64.0870, -35.1114,
3.3683

■ 64.6975, -32.5266,
2.7847

■ 65.4820, -29.2919,
2.4092

■ 66.4483, -25.4048,
2.2550

■ 67.6012, -20.8808,
2.3296

■ 68.9422, -15.7500,
2.6350

■ 70.4707, -10.0540,
3.1684

Harmonies

Analogous

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



63.1441, -33.9821, 21.6492



63.1429, -39.3962, 6.1220



63.1441, -36.2663, -16.2203

Triad

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



63.1441, -39.3965, 6.1227



63.1441, 15.6770, -42.8417



63.1441, 21.3375, 28.0316

Complementary

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



63.1429, -39.3962, 6.1220



33.4159, 57.4869, 19.5313

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.



63.1441, 38.0345, 18.2887



63.1429, -39.3962, 6.1220



63.1441, 34.4729, -22.6187

Square

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



63.1441, -39.3965, 6.1227



63.1441, -6.2343, -49.3957



63.1441, 43.1336, 0.6281



63.1441, -0.4590, 31.3412

Rectangle

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



63.1429, -39.3962, 6.1220



63.1441, -29.4974, -31.6783



63.1441, 43.1336, 0.6281



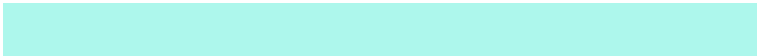
63.1441, 27.8399, 25.6000

Sweetspot

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



63.1441, -39.3965, 6.1227



90.3866, -28.2598, 3.1056



61.2926, -51.2800, 36.8697



42.0351, -14.4935, 1.4206



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



63.1441, -39.3965, 6.1227



84.4857, -52.8291, 8.4431



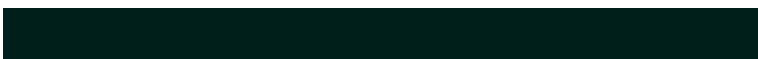
43.6232, -6.6210, -40.2300



32.8389, -4.5001, 1.4937



51.1973, -31.8818, 4.8315



10.1665, -6.1062, 0.4743

Inverse Universe

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



33.4159, 57.4869, 19.5313



44.6934, 76.8456, 26.5014



38.3515, 41.3424, 24.3545



30.9182, 1.2455, 2.0491



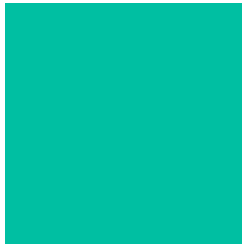
27.1021, 46.6566, 15.6254



5.4343, 9.4938, 2.0589

Previews

White Background



This preview shows how the HunterLab color 63.1429, -39.3962, 6.1220 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 63.1429, -39.3962, 6.1220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

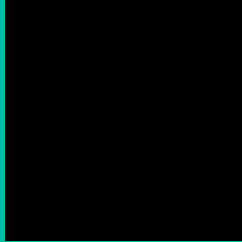
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

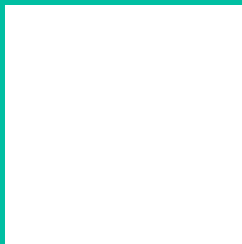
Any Text WCAG AAA ✓ Pass

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

HunterLab 63.1429, -39.3962, 6.1220 Background



This preview shows how black text looks on a background with the HunterLab color 63.1429, -39.3962, 6.1220.



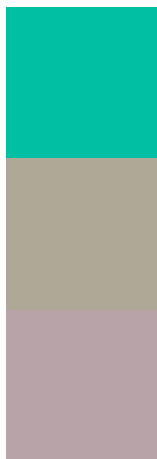
This preview shows how white text looks on a background with the HunterLab color 63.1429,

-39.3962, 6.1220.

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

63.1429, -39.3962, 6.1220

Protanopia

62.7992, -3.5585, 11.3925

Deuteranopia

62.6194, 4.2451, 3.5840



Tritanopia

63.3397, -27.3631, -13.1748

Trichromacy



Original Color

63.1429, -39.3962, 6.1220



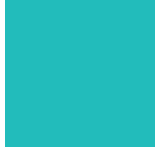
Protanomaly

60.6865, -23.7255, 7.1110



Deuteranomaly

60.3508, -19.3595, 1.4067



Tritanomaly

63.1620, -32.4986, -5.7805

Monochromacy



Original Color

63.1429, -39.3962, 6.1220



Achromatopsia

47.6409, -2.5420, 2.5884



Achromatomaly

51.5504, -21.5112, 1.9552

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.1429, -39.3962, 6.1220 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, 191, 162)` looks like.

```
.text, #text, p{  
    color:rgb(0, 191, 162)  
}
```

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, 191, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 191, 162) }
```

Border

The CSS property to change the border of an element to HunterLab 63.1429, -39.3962, 6.1220 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, 191, 162) }
```


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

```
.border{ border-color:rgb(0, 191, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 191, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 191, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 191, 162);  
box-shadow:4px 4px 4px 4px rgb(0, 191,  
162) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.1429, -39.3962, 6.1220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 191, 162) }
```

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

```
.background{ background-color: rgb(0, 191,  
162) }
```

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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