

Converting Colors

HunterLab(62.5736, -39.6001,
20.8176)

Have a look what the booklet for
HunterLab(62.5736, -39.6001,
20.8176) contains.

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Color

**HunterLab(62.6670,
-39.7380, 20.8051)**

Conversions

Conversions Part 1

Format	Color
Hex	4BBD79
RGB	75, 189, 121
RGB Percent	29%, 74%, 47%
CMY	0.7059, 0.2588, 0.5255
CMYK	0.60, 0.00, 0.36, 0.26
HSL	144°, 46%, 52%
HSV	144°, 60%, 74%
XYZ	24.5505, 39.2715, 24.3753
YIQ	147.1620, -46.1160, -45.3160

Conversions

Conversions Part 2

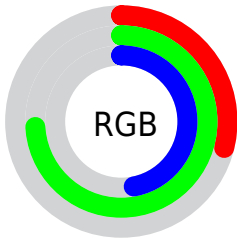
Format	Color
RYB	75, 156, 189
Decimal	4963705
CIELab	68.95, -47.73, 25.02
CIELCh	69, 53.888, 152.333
Yxy	39.2731, 0.2784, 0.4453
Android (android.graphics.Color)	4283153785 (0xFF4BBD79)
YUV	147.1620, -12.8979, -63.2861
Hunter-Lab	62.6670, -39.7380, 20.8051

Details

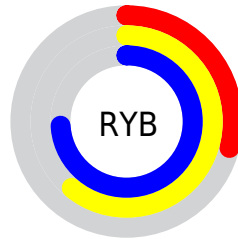
The HunterLab color **62.6670, -39.7380, 20.8051** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **42.2315, 46.3933, -9.6504**, and the grayscale version is **54.1458, -2.8891, 2.9418**.

A 20% lighter version of the original color is **86.0441, -45.9649, 24.6221**, and **42.1851, -32.2142, 16.8135** is the 20% darker color. If you saturate the color by 10%, you get **61.9356, -43.1539, 23.3615**, and if you desaturate by 10%, it is **63.5962, -35.5434, 18.1213**.

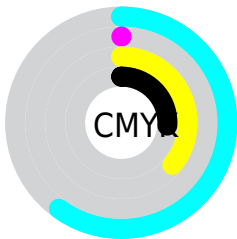
Distribution



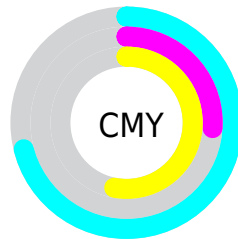
- Red (29%)
- Green (74%)
- Blue (47%)



- Red (29%)
- Yellow (61%)
- Blue (74%)



- Cyan (60%)
- Magenta (0%)
- Yellow (36%)
- Black (26%)





- Cyan (71%)
- Magenta (26%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 62.6670, -39.7380, 20.8051 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 62.6670, -39.7380, 20.8051 by changing the saturation by 10% instead.


 62.6670, -39.7380,
20.8051


 62.6670, -39.7380,
20.8051


185.2162,
-65.8600, 37.4382


 51.9348, -36.3403,
18.7755


 86.0554, -46.1032,
24.6912


 41.8956, -32.7454,
16.6616


 98.6436, -49.1221,
26.5725

 32.6023, -28.8936,
14.4344


 111.7919,
-52.0569, 28.4248

 24.1206, -24.6925,
12.0501

 125.4775,
-54.9211, 30.2546

 16.5371, -19.9944,
9.6589

 139.6800,
-57.7255, 32.0672

 9.9743, -17.4551,
6.9820

154.3813,

0.0000, NaN, NaN

-60.4788, 33.8665

0.0000, NaN, NaN

169.5650,
-63.1883, 35.6559

0.0000, NaN, NaN

■ 62.6670, -39.7380,
20.8051

■ 62.6670, -39.7380,
20.8051

■ 61.9356, -43.1539,
23.3615

■ 63.5962, -35.5434,
18.1213

■ 61.3874, -45.7990,
25.7556

■ 64.7257, -30.5838,
15.3435

■ 61.0076, -47.7160,
27.9568

■ 66.0598, -24.8970,
12.5070

■ 60.7636, -49.0175,
29.8656

■ 67.5980, -18.5360,
9.6452

■ 69.3374, -11.5646,
6.7888

■ 71.2729, -4.0525,
3.9646

■ 73.3978, 3.9291,
1.1952

■ 75.7043, 12.3109,
-1.5016

■ 78.1839, 21.0281,
-4.1120

Harmonies

Analogous

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



62.6683, -26.5294, 30.6284



62.6670, -39.7380, 20.8051



62.6683, -43.6919, 1.5663

Triad

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



62.6683, -39.7388, 20.8056



62.6683, -1.4251, -59.6198



62.6683, 41.4543, 22.9029

Complementary

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



62.6670, -39.7380, 20.8051



42.2315, 46.3933, -9.6504

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.



62.6683, 50.7918, 5.2016



62.6670, -39.7380, 20.8051



62.6683, 23.7874, -47.2663

Square

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



62.6683, -39.7388, 20.8056



62.6683, -23.6888, -50.4254



62.6683, 43.8825, -21.0681



62.6683, 19.9736, 31.4729

Rectangle

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



62.6670, -39.7380, 20.8051



62.6683, -41.1260, -16.0399



62.6683, 43.8825, -21.0681



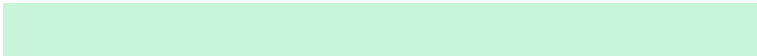
62.6683, 46.2538, 18.1177

Sweetspot

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



62.6683, -39.7388, 20.8056



90.9141, -22.9760, 12.1303



65.4067, -30.2260, 33.7397



41.8610, -11.8689, 6.1432



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.



62.6683, -39.7388, 20.8056



82.6535, -58.8576, 32.1958



64.1023, -31.1572, 0.1895



32.7288, -5.1140, 3.0671



49.8555, -40.1172, 24.2866



9.9328, -7.5325, 3.8454

Inverse Universe

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



42.2315, 46.3933, -9.6504



51.5950, 73.3341, -12.7529



40.6573, 39.4839, 12.7808



31.0311, 1.8525, 0.4398



28.4480, 51.5783, -3.7886



5.7414, 10.6075, -2.2987

Previews

White Background



This preview shows how the HunterLab color 62.6670, -39.7380, 20.8051 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 62.6670, -39.7380, 20.8051 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 62.6670, -39.7380, 20.8051 Background



This preview shows how black text looks on a background with the HunterLab color 62.6670, -39.7380, 20.8051.



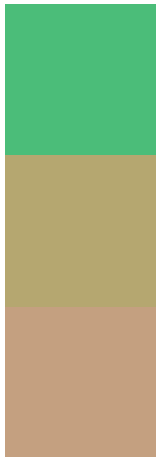
This preview shows how white text looks on a background with the HunterLab color 62.6670,

-39.7380, 20.8051.

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

62.6670, -39.7380, 20.8051

Protanopia

62.1539, -5.9568, 23.5717

Deuteranopia

61.9967, 4.4622, 18.7497



Tritanopia

62.5492, -20.7055, -10.7595

Trichromacy



Original Color

62.6670, -39.7380, 20.8051



Protanomaly

61.3584, -21.3255, 21.7625



Deuteranomaly

61.0589, -15.6034, 18.5111



Tritanomaly

62.3041, -28.4654, 2.6395

Monochromacy



Original Color

62.6670, -39.7380, 20.8051



Achromatopsia

54.0158, -2.8821, 2.9348



Achromatomaly

56.3388, -18.1396, 9.0938

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.6670, -39.7380, 20.8051 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(75, 189, 121)` looks like.

```
.text, #text, p{  
    color:rgb(75, 189, 121)  
}
```

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(75, 189, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 189, 121) }
```

Border

The CSS property to change the border of an element to HunterLab 62.6670, -39.7380, 20.8051 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(75, 189, 121) }
```


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

```
.border{ border-color:rgb(75, 189, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 189, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 189, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 189, 121);  
box-shadow:4px 4px 4px 4px rgb(75, 189,  
121) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.6670, -39.7380, 20.8051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 189, 121) }
```

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

```
.background{ background-color: rgb(75, 189,  
121) }
```

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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