

Converting Colors

HunterLab(62.7256, -39.1184,
7.3151)

Have a look what the booklet for
HunterLab(62.7256, -39.1184,
7.3151) contains.

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Color

**HunterLab(62.7965,
-39.2472, 7.4663)**

Conversions

Conversions Part 1

Format	Color
Hex	13BE9E
RGB	19, 190, 158
RGB Percent	7%, 75%, 62%
CMY	0.9254, 0.2549, 0.3804
CMYK	0.90, 0.00, 0.17, 0.25
HSL	169°, 82%, 41%
HSV	169°, 90%, 75%
XYZ	24.8536, 39.4340, 38.6494
YIQ	135.2230, -91.6440, -46.2040

Conversions

Conversions Part 2

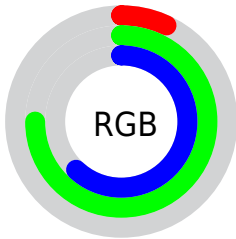
Format	Color
RYB	19, 113, 190
Decimal	1293982
CIELab	69.07, -46.92, 5.05
CIELCh	69, 47.196, 173.852
Yxy	39.4355, 0.2414, 0.3831
Android (android.graphics.Color)	4279484062 (0xFF13BE9E)
YUV	135.2230, 11.2291, -101.9276
Hunter-Lab	62.7965, -39.2472, 7.4663

Details

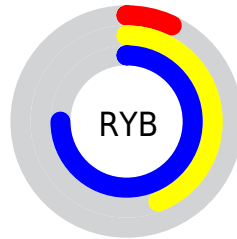
The HunterLab color **62.7965, -39.2472, 7.4663** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **34.1365, 55.6499, 16.5657**, and the grayscale version is **49.2961, -2.6303, 2.6784**.

A 20% lighter version of the original color is **86.1448, -45.3573, 8.9614**, and **42.8830, -27.9349, 6.7034** is the 20% darker color. If you saturate the color by 10%, you get **62.5910, -40.2792, 8.7189**, and if you desaturate by 10%, it is **63.1138, -37.7741, 6.3110**.

Distribution



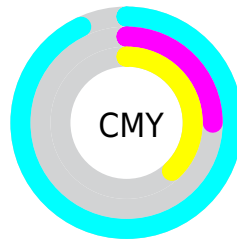
- Red (7%)
- Green (75%)
- Blue (62%)



- Red (7%)
- Yellow (44%)
- Blue (75%)



- Cyan (90%)
- Magenta (0%)
- Yellow (17%)
- Black (25%)



- Cyan (93%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.7965, -39.2472, 7.4663 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 62.7965, -39.2472, 7.4663 by changing the saturation by 10% instead.

■ 62.7965, -39.2472,
7.4663

■ 62.7965, -39.2472,
7.4663

185.4019,
-65.0104, 16.0048

■ 52.0564, -35.9026,
6.6192

■ 86.1993, -45.5164,
9.2216

■ 42.0088, -32.3666,
5.7898

■ 98.7941, -48.4919,
10.1294

■ 32.7064, -28.5801,
4.9763

■ 111.9489,
-51.3858, 11.0578

■ 24.2148, -24.4532,
4.1747

■ 125.6406,
-54.2111, 12.0068

■ 16.6201, -19.8407,
3.3771

■ 139.8491,
-56.9784, 12.9761

■ 10.0445, -17.5779,
2.6668

154.5561,

0.0000, NaN, NaN

-59.6962, 13.9658

0.0000, NaN, NaN

169.7453,
-62.3716, 14.9754

0.0000, NaN, NaN

■ 62.7965, -39.2472,
7.4663

■ 62.7965, -39.2472,
7.4663

■ 62.5910, -40.2792,
8.7189

■ 63.1138, -37.7741,
6.3110

■ 62.5908, -40.2800,
8.7200

■ 63.5762, -35.7204,
5.3020

■ 64.2009, -33.0387,
4.4670

■ 64.9995, -29.7069,
3.8271

■ 65.9794, -25.7241,
3.3975

■ 67.1451, -21.1075,
3.1879

■ 68.4981, -15.8889,
3.2027

■ 70.0375, -10.1109,
3.4414

■ 71.7606, -3.8235,
3.8993

Harmonies

Analogous

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



62.7977, -33.2424, 22.3993



62.7965, -39.2472, 7.4663



62.7977, -36.7261, -14.5564

Triad

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



62.7977, -39.2475, 7.4670



62.7977, 14.1635, -43.9444



62.7977, 22.8036, 27.5205

Complementary

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



62.7965, -39.2472, 7.4663



34.1365, 55.6499, 16.5657

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.



62.7977, 38.8774, 17.2742



62.7965, -39.2472, 7.4663



62.7977, 33.4403, -24.3271

Square

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



62.7977, -39.2475, 7.4670



62.7977, -7.6999, -49.2710



62.7977, 43.0093, -0.9194



62.7977, 1.1132, 31.2082

Rectangle

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



62.7965, -39.2472, 7.4663



62.7977, -30.3540, -30.1897



62.7977, 43.0093, -0.9194



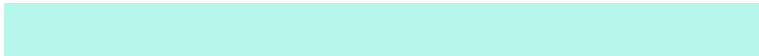
62.7977, 29.1537, 24.9367

Sweetspot

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



62.7977, -39.2475, 7.4670



90.8277, -26.6941, 4.2677



61.3498, -49.1386, 36.3471



42.2843, -13.5936, 2.0171



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.



62.7977, -39.2475, 7.4670



84.2351, -54.3479, 12.0349



47.1561, -11.5346, -32.3971



32.8300, -4.5500, 1.6215



51.0488, -32.7810, 6.9581



10.1432, -6.2468, 0.8068

Inverse Universe

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



34.1365, 55.6499, 16.5657



44.7632, 77.1042, 25.4688



39.2608, 38.4251, 23.9335



30.9270, 1.2925, 1.9243



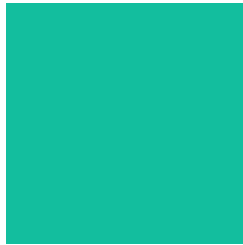
27.1494, 46.8318, 14.9264



5.4560, 9.5737, 1.7425

Previews

White Background



This preview shows how the HunterLab color 62.7965, -39.2472, 7.4663 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 62.7965, -39.2472, 7.4663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

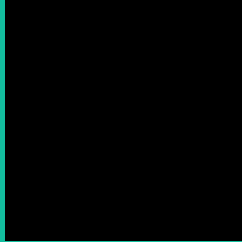
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

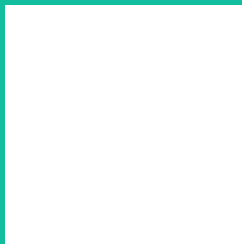
Any Text WCAG AAA ✓ Pass

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

HunterLab 62.7965, -39.2472, 7.4663 Background



This preview shows how black text looks on a background with the HunterLab color 62.7965, -39.2472, 7.4663.



This preview shows how white text looks on a background with the HunterLab color 62.7965, -39.2472, 7.4663.

-39.2472, 7.4663.

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

62.7965, -39.2472, 7.4663

Protanopia

62.3111, -3.9509, 12.4510

Deuteranopia

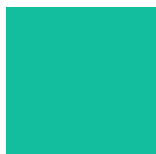
62.2184, 4.1199, 4.9420



Tritanopia

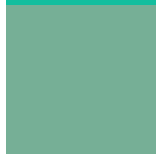
62.6693, -26.6817, -12.9699

Trichromacy



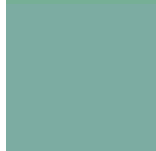
Original Color

62.7965, -39.2472, 7.4663



Protanomaly

60.5917, -22.6468, 8.7055



Deuteranomaly

60.3314, -18.0442, 3.2676



Tritanomaly

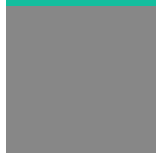
62.5237, -31.7429, -5.0310

Monochromacy



Original Color

62.7965, -39.2472, 7.4663



Achromatopsia

49.2221, -2.6264, 2.6743



Achromatomaly

52.6811, -20.3819, 2.8584

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.7965, -39.2472, 7.4663 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(19, 190, 158)` looks like.

```
.text, #text, p{  
    color:rgb(19, 190, 158)  
}
```

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(19, 190, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 190, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 62.7965, -39.2472, 7.4663 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(19, 190, 158) }
```


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

```
.border{ border-color:rgb(19, 190, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 190, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 190, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 190, 158);  
box-shadow:4px 4px 4px 4px rgb(19, 190,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.7965, -39.2472, 7.4663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 190, 158) }
```

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

```
.background{ background-color: rgb(19, 190,  
158) }
```

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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