

Converting Colors

HunterLab(59.5841, -51.4469,
9.3806)

Have a look what the booklet for
HunterLab(59.5841, -51.4469,
9.3806) contains.

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Color

**HunterLab(61.9748,
-41.5442, 12.2188)**

Conversions

Conversions Part 1

Format	Color
Hex	00BD90
RGB	0, 189, 144
RGB Percent	0%, 74%, 56%
CMY	0.9999, 0.2588, 0.4353
CMYK	1.00, 0.00, 0.24, 0.26
HSL	166°, 100%, 37%
HSV	166°, 100%, 74%
XYZ	23.2316, 38.4088, 32.5747
YIQ	127.3590, -98.1990, -54.0630

Conversions

Conversions Part 2

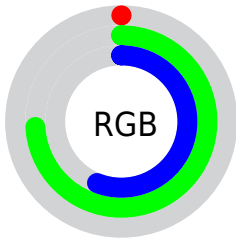
Format	Color
RYB	0, 107, 189
Decimal	48528
CIELab	68.32, -50.83, 11.62
CIELCh	68, 52.143, 167.126
Yxy	38.4103, 0.2466, 0.4077
Android (android.graphics.Color)	4278238608 (0xFF00BD90)
YUV	127.3590, 8.2040, -111.6938
Hunter-Lab	61.9748, -41.5442, 12.2188

Details

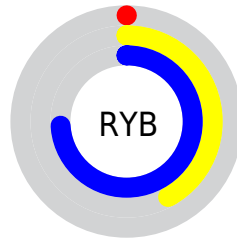
The HunterLab color **61.9748, -41.5442, 12.2188** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **33.1802, 57.3903, 17.0102**, and the grayscale version is **46.2088, -2.4656, 2.5106**.

A 20% lighter version of the original color is **85.1971, -48.1388, 14.4752**, and **42.2591, -29.4100, 10.6676** is the 20% darker color. If you saturate the color by 10%, you get **61.9758, -41.5457, 12.2209**, and if you desaturate by 10%, it is **62.1998, -40.4043, 10.7145**.

Distribution



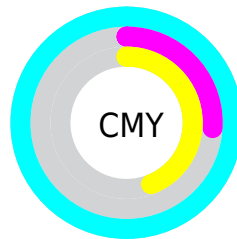
- Red (0%)
- Green (74%)
- Blue (56%)



- Red (0%)
- Yellow (42%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.9748, -41.5442, 12.2188 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 61.9748, -41.5442, 12.2188 by changing the saturation by 10% instead.

61.9748, -41.5442,
12.2188

61.9748, -41.5442,
12.2188

184.2218,
-69.0772, 23.2930

51.2847, -37.9330,
11.0050

85.2857, -48.2877,
14.6371

41.2906, -34.1039,
9.7781

97.8379, -51.4775,
15.8489

32.0461, -29.9903,
8.5277

110.9518,
-54.5736, 17.0665

23.6179, -25.4906,
7.2361

124.6044,
-57.5907, 18.2917

16.0942, -20.5455,
5.8728

138.7750,
-60.5409, 19.5260

9.6008, -16.8015,
5.5419

153.4456,

0.0000, NaN, NaN

-63.4336, 20.7704

0.0000, NaN, NaN

168.5995,
-66.2768, 22.0259

0.0000, NaN, NaN

■ 61.9748, -41.5442,
12.2188

■ 61.9748, -41.5442,
12.2188

■ 61.9758, -41.5457,
12.2209

■ 62.1998, -40.4043,
10.7145

■ 62.5341, -38.8130,
9.2790

■ 63.0156, -36.6330,
7.9638

■ 63.6602, -33.8184,
6.7975

■ 64.4791, -30.3494,
5.8037

■ 65.4795, -26.2277,
5.0005

■ 66.6656, -21.4728,
4.4007

■ 68.0387, -16.1189,
4.0121

■ 69.5975, -10.2106,
3.8377

Harmonies

Analogous

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



61.9760, -33.1102, 26.0977



61.9748, -41.5442, 12.2188



61.9760, -40.8997, -10.6891

Triad

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



61.9760, -41.5446, 12.2194



61.9760, 10.5867, -53.4792



61.9760, 30.5839, 27.3563

Complementary

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



61.9748, -41.5442, 12.2188



33.1802, 57.3903, 17.0102

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.



61.9760, 46.1380, 14.7585



61.9748, -41.5442, 12.2188



61.9760, 33.4634, -33.6460

Square

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



61.9760, -41.5446, 12.2194



61.9760, -13.0746, -54.9771



61.9760, 47.2642, -7.0054



61.9760, 7.0989, 32.3773

Rectangle

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



61.9748, -41.5442, 12.2188



61.9760, -35.4223, -28.6400



61.9760, 47.2642, -7.0054



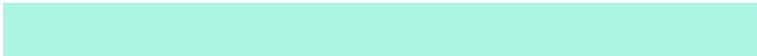
61.9760, 37.0564, 24.1378

Sweetspot

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



61.9760, -41.5446, 12.2194



89.1323, -29.0674, 5.9221



60.8335, -49.5846, 36.6167



41.0112, -14.7624, 2.8901



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.



61.9760, -41.5446, 12.2194



82.9160, -55.7434, 16.6963



47.9043, -13.6954, -30.3103



32.8171, -4.6216, 1.8050



50.8477, -34.0037, 9.8490



10.1111, -6.4414, 1.2672

Inverse Universe

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



33.1802, 57.3903, 17.0102



44.3678, 76.6764, 23.2799



35.8797, 46.7304, 22.9261



30.9396, 1.3608, 1.7432



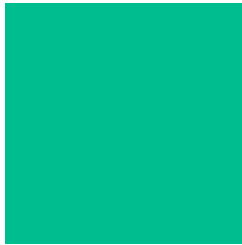
27.2340, 47.1446, 13.6793



5.4873, 9.6881, 1.2900

Previews

White Background



This preview shows how the HunterLab color 61.9748, -41.5442, 12.2188 looks on a white background.

Color Contrast Check

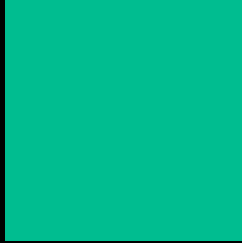
Large Text (above 18pt) WCAG AA × Fail

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 61.9748, -41.5442, 12.2188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

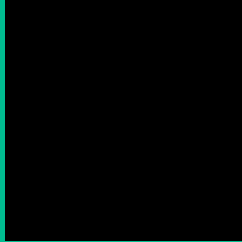
Any Text WCAG AA ✓ Pass

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 61.9748, -41.5442, 12.2188 Background



This preview shows how black text looks on a background with the HunterLab color 61.9748, -41.5442, 12.2188.



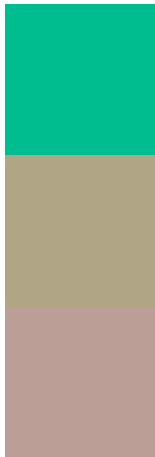
This preview shows how white text looks on a background with the HunterLab color 61.9748,

-41.5442, 12.2188.

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

61.9748, -41.5442, 12.2188

Protanopia

61.4868, -4.4722, 16.7598

Deuteranopia

61.3151, 4.7141, 9.5535



Tritanopia

62.0063, -25.9790, -12.7562

Trichromacy



Original Color

61.9748, -41.5442, 12.2188



Protanomaly

59.5772, -25.5759, 13.0832



Deuteranomaly

58.9996, -20.5706, 7.8403



Tritanomaly

61.9067, -32.8379, -2.7675

Monochromacy



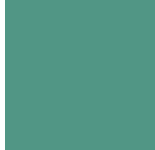
Original Color

61.9748, -41.5442, 12.2188



Achromatopsia

46.0685, -2.4581, 2.5030



Achromatomaly

50.2548, -22.1175, 4.3998

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.9748, -41.5442, 12.2188 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(0, 189, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 144) }
```

Border

The CSS property to change the border of an element to HunterLab 61.9748, -41.5442, 12.2188 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, 144) }
```


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

```
.border{ border-color:rgb(0, 189, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 189, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 189, 144);  
box-shadow:4px 4px 4px 4px rgb(0, 189,  
144) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.9748, -41.5442, 12.2188 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, 144) }
```

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

```
.background{ background-color: rgb(0, 189,  
144) }
```

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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