

Converting Colors

HunterLab(60.6195, -47.4216,
12.5954)

Have a look what the booklet for
HunterLab(60.6195, -47.4216,
12.5954) contains.

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Color

**HunterLab(61.8541,
-42.2811, 13.9604)**

Conversions

Conversions Part 1

Format	Color
Hex	00BD8B
RGB	0, 189, 139
RGB Percent	0%, 74%, 55%
CMY	0.9999, 0.2588, 0.4549
CMYK	1.00, 0.00, 0.26, 0.26
HSL	164°, 100%, 37%
HSV	164°, 100%, 74%
XYZ	22.8578, 38.2593, 30.6062
YIQ	126.7890, -96.5940, -55.6180

Conversions

Conversions Part 2

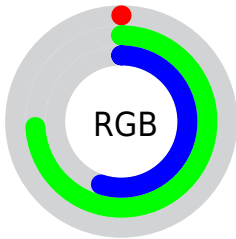
Format	Color
RYB	0, 109, 189
Decimal	48523
CIELab	68.21, -52.05, 14.18
CIELCh	68, 53.942, 164.760
Yxy	38.2608, 0.2492, 0.4171
Android (android.graphics.Color)	4278238603 (0xFF00BD8B)
YUV	126.7890, 6.0200, -111.1940
Hunter-Lab	61.8541, -42.2811, 13.9604

Details

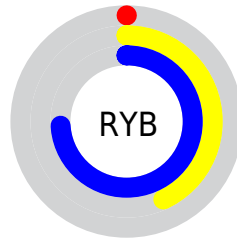
The HunterLab color **61.8541, -42.2811, 13.9604** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **33.2416, 57.6176, 16.1060**, and the grayscale version is **45.9930, -2.4541, 2.4989**.

A 20% lighter version of the original color is **85.0638, -48.9379, 16.3937**, and **42.1562, -30.0409, 12.1581** is the 20% darker color. If you saturate the color by 10%, you get **61.8551, -42.2826, 13.9625**, and if you desaturate by 10%, it is **62.0869, -41.0911, 12.3404**.

Distribution



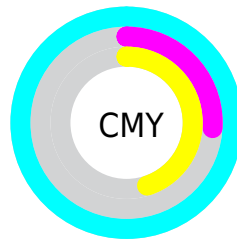
- Red (0%)
- Green (74%)
- Blue (55%)



- Red (0%)
- Yellow (43%)
- Blue (74%)



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



- Cyan (100%)
- Magenta (26%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.8541, -42.2811, 13.9604 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 61.8541, -42.2811, 13.9604 by changing the saturation by 10% instead.

61.8541, -42.2811,
13.9604

61.8541, -42.2811,
13.9604

184.0482,
-70.3605, 26.0637

51.1714, -38.5883,
12.5960

85.1514, -49.1704,
16.6497

41.1852, -34.6699,
11.2053

97.6974, -52.4263,
17.9852

31.9493, -30.4570,
9.7740

110.8053,
-55.5847, 19.3202

23.5304, -25.8453,
8.2788

124.4520,
-58.6612, 20.6574

16.0173, -20.8328,
6.6800

138.6171,
-61.6679, 21.9988

9.5361, -16.6881,
6.6752

153.2823,

0.0000, NaN, NaN

-64.6148, 23.3462

0.0000, NaN, NaN

168.4309,
-67.5101, 24.7008

0.0000, NaN, NaN

■ 61.8541, -42.2811,
13.9604

■ 61.8541, -42.2811,
13.9604

■ 61.8551, -42.2826,
13.9625

■ 62.0869, -41.0911,
12.3404

■ 62.4301, -39.4426,
10.7738

■ 62.9217, -37.1981,
9.3120

■ 63.5774, -34.3126,
7.9846

■ 64.4083, -30.7673,
6.8164

■ 65.4217, -26.5651,
5.8270

■ 66.6214, -21.7271,
5.0310

■ 68.0087, -16.2885,
4.4381

■ 69.5823, -10.2953,
4.0529

Harmonies

Analogous

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



61.8553, -32.9205, 27.3657



61.8541, -42.2811, 13.9604



61.8553, -42.3561, -9.0787

Triad

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



61.8553, -42.2815, 13.9610



61.8553, 9.0726, -56.9844



61.8553, 33.5465, 27.2222

Complementary

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



61.8541, -42.2811, 13.9604



33.2416, 57.6176, 16.1060

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.



61.8553, 48.7517, 13.6662



61.8541, -42.2811, 13.9604



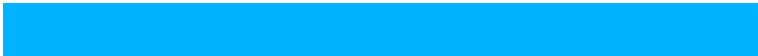
61.8553, 33.2075, -37.3056

Square

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



61.8553, -42.2815, 13.9610



61.8553, -15.1283, -56.8059



61.8553, 48.6188, -9.5122



61.8553, 9.4816, 32.7548

Rectangle

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



61.8541, -42.2811, 13.9604



61.8553, -37.2392, -27.7620



61.8553, 48.6188, -9.5122



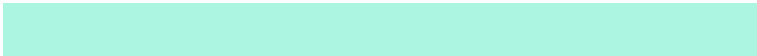
61.8553, 40.0173, 23.7463

Sweetspot

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



61.8553, -42.2815, 13.9610



89.0723, -29.4124, 6.7787



60.8977, -49.3131, 36.6611



40.9798, -14.9443, 3.3392



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.



61.8553, -42.2815, 13.9610



82.7529, -56.7391, 19.0494



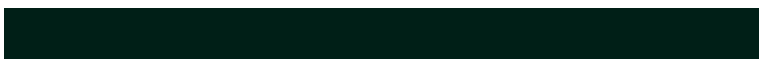
48.8842, -15.0845, -28.5365



32.8105, -4.6586, 1.8999



50.7495, -34.6031, 11.2657



10.0950, -6.5385, 1.4968

Inverse Universe

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



33.2416, 57.6176, 16.1060



44.4472, 76.9697, 22.1113



35.5375, 47.7703, 22.7335



30.9463, 1.3965, 1.6488



27.2859, 47.3361, 12.9170



5.5034, 9.7471, 1.0572

Previews

White Background



This preview shows how the HunterLab color 61.8541, -42.2811, 13.9604 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 61.8541, -42.2811, 13.9604 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 61.8541, -42.2811, 13.9604 Background



This preview shows how black text looks on a background with the HunterLab color 61.8541, -42.2811, 13.9604.



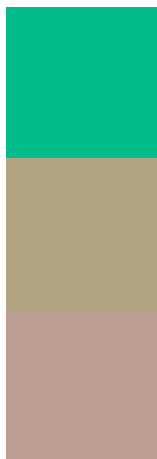
This preview shows how white text looks on a background with the HunterLab color 61.8541, -42.2811, 13.9604.

-42.2811, 13.9604.

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

61.8541, -42.2811, 13.9604

Protanopia

61.3994, -4.9532, 18.0269

Deuteranopia

61.2886, 4.3659, 11.5349



Tritanopia

61.9948, -26.0969, -12.2020

Trichromacy



Original Color

61.8541, -42.2811, 13.9604



Protanomaly

59.4834, -26.1253, 14.4372



Deuteranomaly

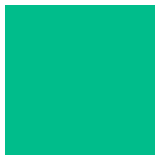
58.9285, -21.1019, 9.7960



Tritanomaly

61.8259, -33.3505, -1.3809

Monochromacy



Original Color

61.8541, -42.2811, 13.9604



Achromatopsia

46.0685, -2.4581, 2.5030



Achromatomaly

50.2003, -22.4374, 5.1796

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.8541, -42.2811, 13.9604 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(0, 189, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 61.8541, -42.2811, 13.9604 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, 139) }
```


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

```
.border{ border-color:rgb(0, 189, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 189, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 189, 139);  
box-shadow:4px 4px 4px 4px rgb(0, 189,  
139) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.8541, -42.2811, 13.9604 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, 139) }
```

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

```
.background{ background-color: rgb(0, 189,  
139) }
```

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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