

Converting Colors

HunterLab(68.4187, -41.1267,
10.9046)

Have a look what the booklet for
HunterLab(68.4187, -41.1267,
10.9046) contains.

HunterLab(68.4075, -41.1783, 10.9907)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(68.4075,
-41.1783, 10.9907)**

Conversions

Conversions Part 1

Format	Color
Hex	3BCCA4
RGB	59, 204, 164
RGB Percent	23%, 80%, 64%
CMY	0.7686, 0.2000, 0.3569
CMYK	0.71, 0.00, 0.20, 0.20
HSL	163°, 59%, 52%
HSV	163°, 71%, 80%
XYZ	30.0973, 46.7959, 42.5681
YIQ	156.0850, -73.5800, -43.1800

Conversions

Conversions Part 2

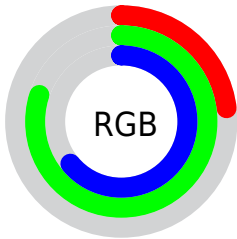
Format	Color
RYB	59, 143, 204
Decimal	3919012
CIELab	74.06, -47.39, 9.03
CIELCh	74, 48.239, 169.207
Yxy	46.7977, 0.2519, 0.3917
Android (android.graphics.Color)	4282109092 (0xFF3BCCA4)
YUV	156.0850, 3.9021, -85.1435
Hunter-Lab	68.4075, -41.1783, 10.9907

Details

The HunterLab color **68.4075, -41.1783, 10.9907** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **41.0699, 52.9499, 9.1901**, and the grayscale version is **57.7009, -3.0788, 3.1350**.

A 20% lighter version of the original color is **89.9969, -44.4335, 10.5264**, and **47.6075, -32.0509, 9.6835** is the 20% darker color. If you saturate the color by 10%, you get **67.8915, -43.5644, 12.6748**, and if you desaturate by 10%, it is **69.1052, -38.0899, 9.4442**.

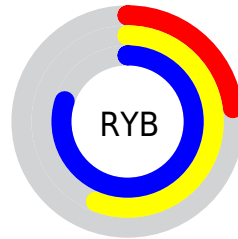
Distribution



Red (23%)

Green (80%)

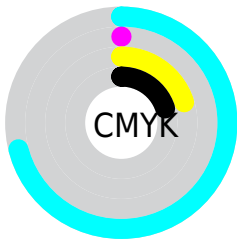
Blue (64%)



Red (23%)

Yellow (56%)

Blue (80%)

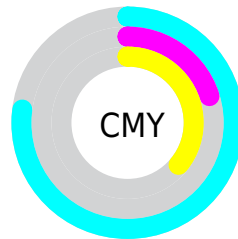


Cyan (71%)

Magenta (0%)

Yellow (20%)

Black (20%)



Cyan (77%)

Magenta (20%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.4075, -41.1783, 10.9907 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 68.4075, -41.1783, 10.9907 by changing the saturation by 10% instead.

■ 68.4075, -41.1783,
10.9907

■ 68.4075, -41.1783,
10.9907

193.3925,
-66.8317, 21.1110

■ 57.3374, -37.8847,
9.9228

■ 92.4184, -47.3842,
13.1518

■ 46.9375, -34.4193,
8.8572

■ 105.2959,
-50.3407, 14.2479

■ 37.2557, -30.7330,
7.7890

■ 118.7215,
-53.2213, 15.3564

■ 28.3499, -26.7525,
6.7090

■ 132.6738,
-56.0379, 16.4784

■ 20.2947, -22.3631,
5.6021

■ 147.1334,
-58.8000, 17.6145

■ 13.1917, -18.7190,
4.4399

162.0832,

■ 6.7044, -11.7327,

-61.5156, 18.7650

4.6931

177.5076,
-64.1910, 19.9304

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.4075, -41.1783,
10.9907

■ 68.4075, -41.1783,
10.9907

■ 67.8915, -43.5644,
12.6748

■ 69.1052, -38.0899,
9.4442

■ 67.5347, -45.3008,
14.4603

■ 69.9935, -34.2734,
8.0618


■ 67.3177, -46.4324,
16.0931


■ 71.0821, -29.7302,
6.8675

■ 72.3759, -24.4817,
5.8789


■ 73.8764, -18.5657,

5.1083

 75.5824, -12.0326,
4.5624

 77.4906, -4.9403,
4.2430

 79.5956, 2.6489,
4.1474

 81.8908, 10.6722,
4.2695

Harmonies

Analogous

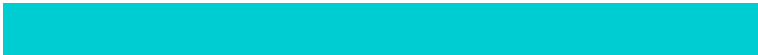
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.4088, -33.4255, 25.5255



68.4075, -41.1783, 10.9907



68.4088, -39.9056, -11.2481

Triad

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



68.4088, -41.1788, 10.9914



68.4088, 11.1703, -47.6621



68.4088, 26.9710, 28.1300

Complementary

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



68.4075, -41.1783, 10.9907



41.0699, 52.9499, 9.1901

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.



68.4088, 42.1875, 15.9276



68.4075, -41.1783, 10.9907



68.4088, 32.2813, -28.9937

Square

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



68.4088, -41.1788, 10.9914



68.4088, -11.5689, -50.3007



68.4088, 44.2475, -4.4408



68.4088, 4.6384, 33.0715

Rectangle

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



68.4075, -41.1783, 10.9907



68.4088, -34.0556, -27.7378



68.4088, 44.2475, -4.4408



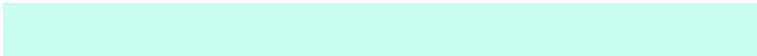
68.4088, 33.2045, 24.9665

Sweetspot

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



68.4088, -41.1788, 10.9914



95.0288, -24.0500, 6.5906



67.9835, -46.3760, 37.4700



43.7031, -12.1482, 3.1648

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.4088, -41.1788, 10.9914



87.1127, -57.2844, 17.4536



59.1767, -20.4035, -21.1310



35.5980, -5.1027, 2.1075



53.4212, -36.7427, 12.5451



12.1847, -8.0341, 2.1136

Inverse Universe

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



41.0699, 52.9499, 9.1901



48.5232, 77.4894, 17.1230



45.3182, 36.4321, 23.1483



33.5614, 1.5666, 1.7438



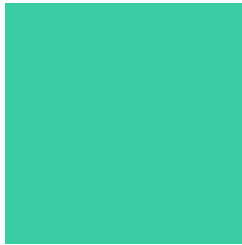
28.7665, 49.9417, 13.3307



6.6331, 11.7081, 1.5822

Previews

White Background



This preview shows how the HunterLab color 68.4075, -41.1783, 10.9907 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 68.4075, -41.1783, 10.9907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

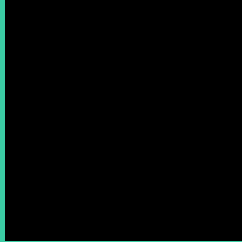
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

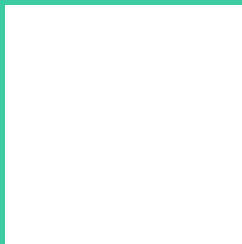
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.4075, -41.1783, 10.9907 Background



This preview shows how black text looks on a background with the HunterLab color 68.4075, -41.1783, 10.9907.



This preview shows how white text looks on a background with the HunterLab color 68.4075,

-41.1783, 10.9907.

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

68.4075, -41.1783, 10.9907

Protanopia

67.7175, -4.5696, 15.6384

Deuteranopia

67.6247, 5.0538, 8.4154



Tritanopia

68.2132, -26.5916, -13.1488

Trichromacy



Original Color

68.4075, -41.1783, 10.9907



Protanomaly

66.7430, -22.2490, 12.7969



Deuteranomaly

66.3394, -16.5523, 7.4790



Tritanomaly

68.3407, -32.5447, -3.2507

Monochromacy



Original Color

68.4075, -41.1783, 10.9907



Achromatopsia

57.6586, -3.0765, 3.1327



Achromatomaly

60.3782, -19.6709, 4.6507

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.4075, -41.1783, 10.9907 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(59, 204, 164)` looks like.

```
.text, #text, p{  
    color:rgb(59, 204, 164)  
}
```

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(59, 204, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 204, 164) }
```

Border

The CSS property to change the border of an element to HunterLab 68.4075, -41.1783, 10.9907 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(59, 204, 164) }
```


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

```
.border{ border-color:rgb(59, 204, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 204, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 204, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 204, 164);  
box-shadow:4px 4px 4px 4px rgb(59, 204,  
164) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.4075, -41.1783, 10.9907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 204, 164) }
```

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

```
.background{ background-color: rgb(59, 204,  
164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor