

Converting Colors

HunterLab(68.1666, -43.3478,
19.9973)

Have a look what the booklet for
HunterLab(68.1666, -43.3478,
19.9973) contains.

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Color

**HunterLab(68.1662,
-43.3495, 19.9993)**

Conversions

Conversions Part 1

Format	Color
Hex	49CC8B
RGB	73, 204, 139
RGB Percent	29%, 80%, 55%
CMY	0.7137, 0.2000, 0.4549
CMYK	0.64, 0.00, 0.32, 0.20
HSL	150°, 56%, 54%
HSV	150°, 64%, 80%
XYZ	29.0007, 46.4663, 31.8665
YIQ	157.4210, -57.2110, -47.9870

Conversions

Conversions Part 2

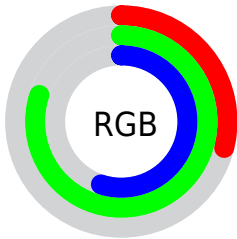
Format	Color
RYB	73, 160, 204
Decimal	4836491
CIELab	73.85, -50.66, 22.12
CIElCh	74, 55.282, 156.411
Yxy	46.4682, 0.2702, 0.4329
Android (android.graphics.Color)	4283026571 (0xFF49CC8B)
YUV	157.4210, -9.0816, -74.0372
Hunter-Lab	68.1662, -43.3495, 19.9993

Details

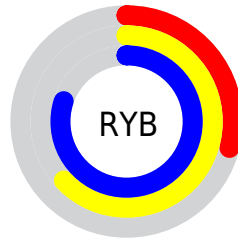
The HunterLab color **68.1662, -43.3495, 19.9993** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **44.0891, 51.8872, -4.2614**, and the grayscale version is **58.2913, -3.1103, 3.1671**.

A 20% lighter version of the original color is **89.6876, -47.0577, 21.0887**, and **47.1340, -34.9544, 16.5431** is the 20% darker color. If you saturate the color by 10%, you get **67.4651, -46.6387, 22.5399**, and if you desaturate by 10%, it is **69.0722, -39.2561, 17.4230**.

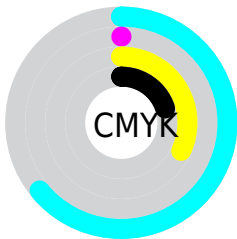
Distribution



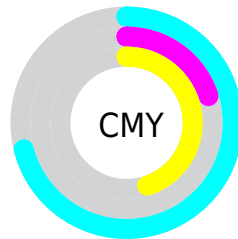
- Red (29%)
- Green (80%)
- Blue (55%)



- Red (29%)
- Yellow (63%)
- Blue (80%)



- Cyan (64%)
- Magenta (0%)
- Yellow (32%)
- Black (20%)



- Cyan (71%)
- Magenta (20%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.1662, -43.3495, 19.9993 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 68.1662, -43.3495, 19.9993 by changing the saturation by 10% instead.

■ 68.1662, -43.3495,
19.9993

■ 68.1662, -43.3495,
19.9993

193.0512,
-70.4211, 35.3248

■ 57.1099, -39.8486,
18.1790

■ 92.1516, -49.9295,
23.5225

■ 46.7247, -36.1580,
16.3000

■ 105.0173,
-53.0567, 25.2432

■ 37.0588, -32.2240,
14.3414

■ 118.4316,
-56.0992, 26.9458

■ 28.1701, -27.9670,
12.2719

■ 132.3728,
-59.0701, 28.6350

■ 20.1339, -23.2630,
10.0427

146.8219,
-61.9799, 30.3147

■ 13.0525, -19.8277,
8.5798

161.7615,

■ 6.5271, -11.4224,

-64.8371, 31.9880

4.5690

177.1760,
-67.6489, 33.6573

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.1662, -43.3495,
19.9993

■ 68.1662, -43.3495,
19.9993

■ 67.4651, -46.6387,
22.5399

■ 69.0722, -39.2561,
17.4230

■ 66.9506, -49.1479,
25.0061

■ 70.1880, -34.3593,
14.8450

■ 66.6037, -50.9404,
27.3614


■ 71.5200, -28.6870,
12.2996


■ 66.4547, -51.7481,
28.6466


■ 73.0695, -22.2854,
9.8176


■ 74.8351, -15.2144,

7.4255

 76.8124, -7.5424,
5.1453

 78.9955, 0.6581,
2.9939

 81.3769, 9.3150,
0.9835

 83.7655, 17.7736,
-1.1163

Harmonies

Analogous

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



68.1676, -30.6179, 31.7795



68.1662, -43.3495, 19.9993



68.1676, -46.2063, -1.7623

Triad

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



68.1676, -43.3502, 19.9999



68.1676, 1.9776, -61.6741



68.1676, 40.9714, 26.1701

Complementary

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



68.1662, -43.3495, 19.9993



44.0891, 51.8872, -4.2614

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.



68.1676, 52.8876, 8.7641



68.1662, -43.3495, 19.9993



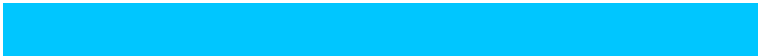
68.1676, 28.3177, -46.1372

Square

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



68.1676, -43.3502, 19.9999



68.1676, -22.3497, -55.1256



68.1676, 47.9435, -17.9637



68.1676, 17.3322, 34.3057

Rectangle

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



68.1662, -43.3495, 19.9993



68.1676, -42.5690, -20.7480



68.1676, 47.9435, -17.9637



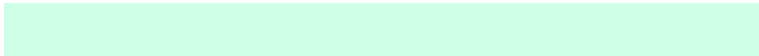
68.1676, 46.6291, 21.5162

Sweetspot

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



68.1676, -43.3502, 19.9999



95.1251, -24.2609, 11.0885



70.0820, -37.6721, 37.1915



43.7101, -12.4281, 5.5454

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.1676, -43.3502, 19.9999



86.5408, -61.3561, 30.2221



69.9742, -32.5567, -5.8583



35.5383, -5.4356, 2.9606



52.7390, -40.9430, 22.4650



12.0425, -8.9050, 4.1714

Inverse Universe

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



44.0891, 51.8872, -4.2614



51.7252, 77.8631, -2.8559



42.5258, 45.1579, 18.2058



33.6228, 1.8966, 0.8686



29.4838, 52.5706, 2.9374



6.8102, 12.3520, -0.9431

Previews

White Background



This preview shows how the HunterLab color 68.1662, -43.3495, 19.9993 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 68.1662, -43.3495, 19.9993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

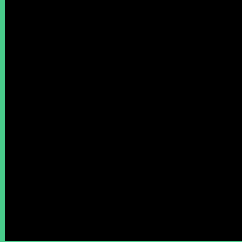
Any Text WCAG AA ✓ Pass

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 68.1662, -43.3495, 19.9993 Background



This preview shows how black text looks on a background with the HunterLab color 68.1662, -43.3495, 19.9993.



This preview shows how white text looks on a background with the HunterLab color 68.1662,

-43.3495, 19.9993.

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

68.1662, -43.3495, 19.9993

Protanopia

67.5799, -6.0993, 23.6187

Deuteranopia

67.4669, 4.7653, 17.7579



Tritanopia

68.0662, -23.8947, -12.1582

Trichromacy



Original Color

68.1662, -43.3495, 19.9993



Protanomaly

66.7422, -23.3524, 21.3250



Deuteranomaly

66.1345, -16.9622, 17.1577



Tritanomaly

67.8342, -31.6867, 1.1268

Monochromacy



Original Color

68.1662, -43.3495, 19.9993



Achromatopsia

58.0658, -3.0982, 3.1548



Achromatomaly

60.7534, -20.3927, 8.9198

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.1662, -43.3495, 19.9993 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(73, 204, 139)` looks like.

```
.text, #text, p{  
    color:rgb(73, 204, 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(73, 204, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 204, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 68.1662, -43.3495, 19.9993 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(73, 204, 139) }
```


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

```
.border{ border-color:rgb(73, 204, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 204, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 204, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 204, 139);  
box-shadow:4px 4px 4px 4px rgb(73, 204,  
139) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.1662, -43.3495, 19.9993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 204, 139) }
```

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

```
.background{ background-color: rgb(73, 204,  
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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