

Converting Colors

HunterLab(65.2712, -40.0460,
11.3501)

Have a look what the booklet for
HunterLab(65.2712, -40.0460,
11.3501) contains.

HunterLab(65.2712, -40.0460, 11.3501)	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(65.2712,
-40.0460, 11.3501)**

Conversions

Conversions Part 1

Format	Color
Hex	35C49B
RGB	53, 196, 155
RGB Percent	21%, 77%, 61%
CMY	0.7921, 0.2314, 0.3922
CMYK	0.73, 0.00, 0.21, 0.23
HSL	163°, 57%, 49%
HSV	163°, 73%, 77%
XYZ	27.1245, 42.6033, 37.8039
YIQ	148.5690, -72.0670, -43.0670

Conversions

Conversions Part 2

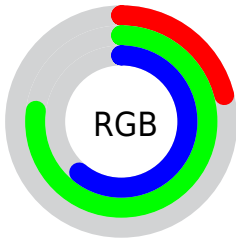
Format	Color
RYB	53, 136, 196
Decimal	3523739
CIELab	71.29, -47.04, 9.92
CIELCh	71, 48.075, 168.088
Yxy	42.6050, 0.2522, 0.3962
Android (android.graphics.Color)	4281713819 (0xFF35C49B)
YUV	148.5690, 3.1705, -83.8140
Hunter-Lab	65.2712, -40.0460, 11.3501

Details

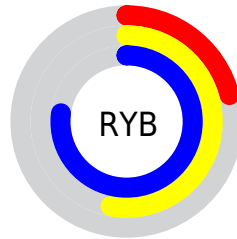
The HunterLab color **65.2712, -40.0460, 11.3501** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **38.8474, 51.7595, 8.6788**, and the grayscale version is **54.6580, -2.9164, 2.9697**.

A 20% lighter version of the original color is **88.7558, -46.2353, 13.5859**, and **44.7764, -30.4270, 9.7165** is the 20% darker color. If you saturate the color by 10%, you get **64.8024, -42.2375, 13.0301**, and if you desaturate by 10%, it is **65.9108, -37.1898, 9.7888**.

Distribution



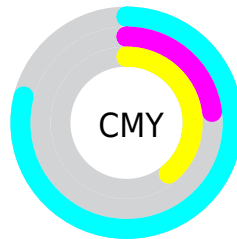
- Red (21%)
- Green (77%)
- Blue (61%)



- Red (21%)
- Yellow (53%)
- Blue (77%)



- Cyan (73%)
- Magenta (0%)
- Yellow (21%)
- Black (23%)





- Cyan (79%)
- Magenta (23%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 65.2712, -40.0460, 11.3501 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 65.2712, -40.0460, 11.3501 by changing the saturation by 10% instead.


 65.2712, -40.0460,
11.3501


 65.2712, -40.0460,
11.3501


188.9404,
-65.7194, 21.7823


 54.3832, -36.7307,
10.2340


 88.9463, -46.2758,
13.5958


 44.1774, -33.2336,
9.1149


 101.6676,
-49.2379, 14.7298


 34.7045, -29.5004,
7.9860


 114.9434,
-52.1212, 15.8740

 26.0263, -25.4495,
6.8353

 128.7516,
-54.9382, 17.0297

 18.2235, -20.9506,
5.6421

 143.0722,
-57.6990, 18.1978

 11.4084, -19.3509,
4.5212

157.8877,

 3.7732, -6.6031,

-60.4119, 19.3789

2.6412

173.1819,
-63.0835, 20.5736

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.2712, -40.0460,
11.3501

■ 65.2712, -40.0460,
11.3501

■ 64.8024, -42.2375,
13.0301

■ 65.9108, -37.1898,
9.7888

■ 64.4821, -43.8196,
14.7932

■ 66.7303, -33.6405,
8.3727


■ 64.3187, -44.6759,
16.0497


■ 67.7397, -29.3960,
7.1260

■ 68.9440, -24.4741,
6.0671


■ 70.3452, -18.9089,

5.2094

 71.9425, -12.7467,
4.5610

 73.7331, -6.0420,
4.1250

 75.7121, 1.1461,
3.9006

 77.8733, 8.7576,
3.8831

Harmonies

Analogous

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



65.2725, -32.1685, 25.1814



65.2712, -40.0460, 11.3501



65.2725, -39.1365, -10.2696

Triad

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



65.2725, -40.0465, 11.3508



65.2725, 10.2237, -47.6707



65.2725, 27.3599, 27.0267

Complementary

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



65.2712, -40.0460, 11.3501



38.8474, 51.7595, 8.6788

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.



65.2725, 41.9670, 14.8885



65.2712, -40.0460, 11.3501



65.2725, 31.2040, -29.5878

Square

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



65.2725, -40.0465, 11.3508



65.2725, -12.0195, -49.5976



65.2725, 43.4606, -5.3441



65.2725, 5.5092, 32.0022

Rectangle

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



65.2712, -40.0460, 11.3501



65.2725, -33.6505, -26.5894



65.2725, 43.4606, -5.3441



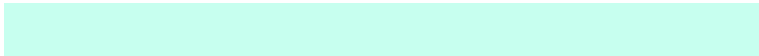
65.2725, 33.3985, 23.8774

Sweetspot

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



65.2725, -40.0465, 11.3508



94.8026, -24.9650, 6.9499



64.9770, -44.4895, 36.1856



43.6054, -12.5492, 3.3474

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.2725, -40.0465, 11.3508



86.9205, -58.3034, 19.0521



57.0336, -20.5468, -19.5086



33.7307, -4.8321, 2.0359



51.5712, -35.7194, 12.6483



10.7728, -7.1009, 1.8637

Inverse Universe

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



38.8474, 51.7595, 8.6788



48.0046, 78.7928, 17.6049



42.3893, 36.9721, 22.0553



31.8188, 1.4782, 1.6132



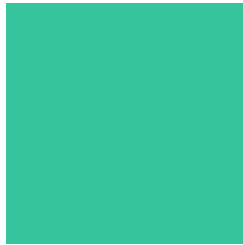
27.8182, 48.3503, 12.4649



5.8876, 10.4366, 1.0620

Previews

White Background



This preview shows how the HunterLab color 65.2712, -40.0460, 11.3501 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 65.2712, -40.0460, 11.3501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

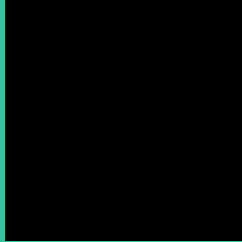
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

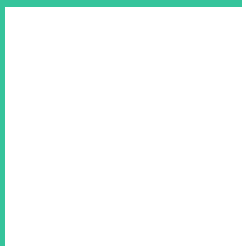
Any Text WCAG AAA ✓ Pass

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

HunterLab 65.2712, -40.0460, 11.3501 Background



This preview shows how black text looks on a background with the HunterLab color 65.2712, -40.0460, 11.3501.



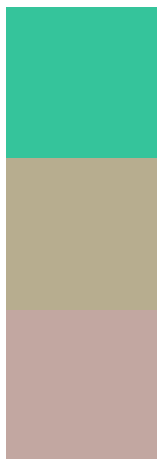
This preview shows how white text looks on a background with the HunterLab color 65.2712, -40.0460, 11.3501.

-40.0460, 11.3501.

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

65.2712, -40.0460, 11.3501

Protanopia

64.7592, -4.6454, 16.0311

Deuteranopia

64.5600, 4.5265, 8.8950



Tritanopia

65.1327, -25.3006, -12.8850

Trichromacy



Original Color

65.2712, -40.0460, 11.3501



Protanomaly

63.5520, -21.4951, 13.0316



Deuteranomaly

63.3906, -16.5845, 8.0915



Tritanomaly

65.2322, -31.3164, -3.0836

Monochromacy



Original Color

65.2712, -40.0460, 11.3501



Achromatopsia

54.8219, -2.9252, 2.9786



Achromatomaly

57.5189, -19.4701, 4.9223

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.2712, -40.0460, 11.3501 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(53, 196, 155)` looks like.

```
.text, #text, p{  
    color:rgb(53, 196, 155)  
}
```

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(53, 196, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 196, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 65.2712, -40.0460, 11.3501 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(53, 196, 155) }
```


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

```
.border{ border-color:rgb(53, 196, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 196, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 196, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 196, 155);  
box-shadow:4px 4px 4px 4px rgb(53, 196,  
155) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.2712, -40.0460, 11.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 196, 155) }
```

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

```
.background{ background-color: rgb(53, 196,  
155) }
```

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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