

Converting Colors

HunterLab(63.3315, -40.0165,
10.1752)

Have a look what the booklet for
HunterLab(63.3315, -40.0165,
10.1752) contains.

HunterLab(63.5132, -40.1589, 10.3004)	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(63.5132,
-40.1589, 10.3004)**

Conversions

Conversions Part 1

Format	Color
Hex	22C099
RGB	34, 192, 153
RGB Percent	13%, 75%, 60%
CMY	0.8666, 0.2470, 0.4000
CMYK	0.82, 0.00, 0.20, 0.25
HSL	165°, 70%, 44%
HSV	165°, 82%, 75%
XYZ	25.2591, 40.3393, 36.5920
YIQ	140.3120, -81.6490, -45.6250

Conversions

Conversions Part 2

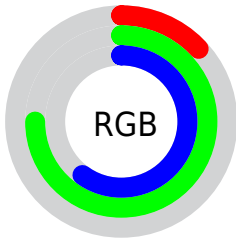
Format	Color
RYB	34, 124, 192
Decimal	2277529
CIELab	69.71, -47.98, 8.73
CIELCh	70, 48.767, 169.691
Yxy	40.3408, 0.2472, 0.3947
Android (android.graphics.Color)	4280467609 (0xFF22C099)
YUV	140.3120, 6.2552, -93.2356
Hunter-Lab	63.5132, -40.1589, 10.3004

Details

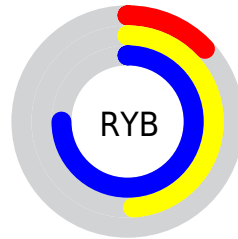
The HunterLab color **63.5132, -40.1589, 10.3004** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **35.8227, 54.4789, 12.5917**, and the grayscale version is **51.3361, -2.7392, 2.7892**.

A 20% lighter version of the original color is **86.8951, -46.3884, 12.4541**, and **43.4173, -29.3424, 9.0740** is the 20% darker color. If you saturate the color by 10%, you get **63.2037, -41.6668, 11.8321**, and if you desaturate by 10%, it is **63.9710, -38.0646, 8.8796**.

Distribution



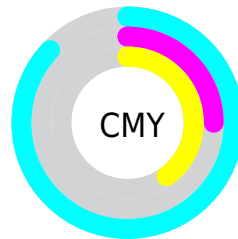
- Red (13%)
- Green (75%)
- Blue (60%)



- Red (13%)
- Yellow (49%)
- Blue (75%)



- Cyan (82%)
- Magenta (0%)
- Yellow (20%)
- Black (25%)





- Cyan (87%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.5132, -40.1589, 10.3004 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 63.5132, -40.1589, 10.3004 by changing the saturation by 10% instead.


 63.5132, -40.1589,
10.3004


 63.5132, -40.1589,
10.3004


186.4291,
-66.3411, 20.2521


 52.7299, -36.7576,
9.2514


 86.9955, -46.5342,
12.4228


 42.6360, -33.1620,
8.2040


 99.6273, -49.5594,
13.4996


 33.2837, -29.3130,
7.1524


 112.8174,
-52.5010, 14.5891

 24.7373, -25.1211,
6.0858

 126.5431,
-55.3723, 15.6922

 17.0815, -20.4426,
4.9856

 140.7843,
-58.1840, 16.8097

 10.4353, -18.2619,
4.1202

155.5230,

0.0000, NaN, NaN

-60.9448, 17.9419

0.0000, NaN, NaN

170.7428,
-63.6619, 19.0893

0.0000, NaN, NaN

■ 63.5132, -40.1589,
10.3004

■ 63.5132, -40.1589,
10.3004

■ 63.2037, -41.6668,
11.8321

■ 63.9710, -38.0646,
8.8796

■ 63.0340, -42.5420,
13.0490

■ 64.5910, -35.3291,
7.5989

■ 65.3866, -31.9269,
6.4845

■ 66.3663, -27.8553,
5.5566

■ 67.5350, -23.1309,
4.8304

■ 68.8944, -17.7857,
4.3154

■ 70.4440, -11.8636,
4.0164

■ 72.1809, -5.4164,
3.9336

■ 74.1006, 1.5000,
4.0631

Harmonies

Analogous

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



63.5144, -32.7671, 24.5101



63.5132, -40.1589, 10.3004



63.5144, -38.7828, -11.7976

Triad

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



63.5144, -40.1593, 10.3010



63.5144, 11.6349, -47.8664



63.5144, 26.6369, 27.2757

Complementary

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



63.5132, -40.1589, 10.3004



35.8227, 54.4789, 12.5917

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.



63.5144, 41.9845, 15.6704



63.5132, -40.1589, 10.3004



63.5144, 32.5333, -28.8075

Square

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



63.5144, -40.1593, 10.3010



63.5144, -10.8498, -50.8501



63.5144, 44.2792, -4.2445



63.5144, 4.4259, 31.8314

Rectangle

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



63.5132, -40.1589, 10.3004



63.5144, -33.0062, -28.3147



63.5144, 44.2792, -4.2445



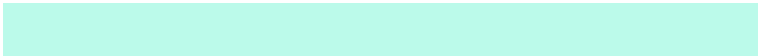
63.5144, 32.8920, 24.3019

Sweetspot

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



63.5144, -40.1593, 10.3010



92.1388, -26.2673, 5.9936



62.6519, -47.1734, 36.3471



42.3759, -13.3487, 2.8893



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



63.5144, -40.1593, 10.3010



84.8480, -57.2808, 17.7065



51.7367, -16.4120, -25.5593



33.7410, -4.7746, 1.8885



51.7183, -34.8206, 10.5242



10.7986, -6.9442, 1.4932

Inverse Universe

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



35.8227, 54.4789, 12.5917



45.5248, 78.4588, 23.1916



40.1927, 38.2208, 23.2022



31.8084, 1.4227, 1.7603



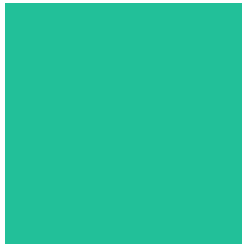
27.7338, 48.0390, 13.7038



5.8630, 10.3464, 1.4175

Previews

White Background



This preview shows how the HunterLab color 63.5132, -40.1589, 10.3004 looks on a white background.

Color Contrast Check

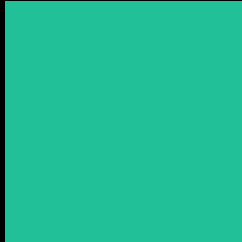
Large Text (above 18pt) WCAG AA × Fail

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 63.5132, -40.1589, 10.3004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

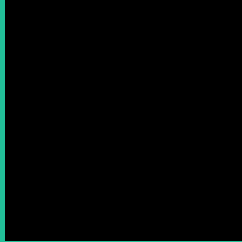
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

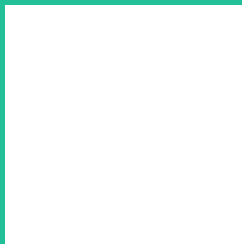
Any Text WCAG AAA ✓ Pass

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

HunterLab 63.5132, -40.1589, 10.3004 Background



This preview shows how black text looks on a background with the HunterLab color 63.5132, -40.1589, 10.3004.



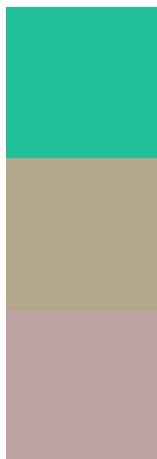
This preview shows how white text looks on a background with the HunterLab color 63.5132, -40.1589, 10.3004.

-40.1589, 10.3004.

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

63.5132, -40.1589, 10.3004

Protanopia

63.0587, -4.6099, 15.0825

Deuteranopia

62.8621, 4.5430, 7.8778



Tritanopia

63.6342, -26.2300, -12.7341

Trichromacy



Original Color

63.5132, -40.1589, 10.3004



Protanomaly

61.5827, -22.4448, 11.7632



Deuteranomaly

61.3946, -17.6166, 6.7178



Tritanomaly

63.4125, -31.7146, -3.8801

Monochromacy



Original Color

63.5132, -40.1589, 10.3004



Achromatopsia

51.2104, -2.7325, 2.7824



Achromatomaly

54.4126, -20.1782, 3.9863

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.5132, -40.1589, 10.3004 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(34, 192, 153)` looks like.

```
.text, #text, p{  
    color:rgb(34, 192, 153)  
}
```

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(34, 192, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 192, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 63.5132, -40.1589, 10.3004 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(34, 192, 153) }
```


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

```
.border{ border-color:rgb(34, 192, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 192, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 192, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 192, 153);  
box-shadow:4px 4px 4px 4px rgb(34, 192,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.5132, -40.1589, 10.3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 192, 153) }
```

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

```
.background{ background-color: rgb(34, 192,  
153) }
```

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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