

Converting Colors

HunterLab(68.1534, -42.0249,
12.5115)

Have a look what the booklet for
HunterLab(68.1534, -42.0249,
12.5115) contains.

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Color

**HunterLab(68.2382,
-42.0695, 12.4150)**

Conversions

Conversions Part 1

Format	Color
Hex	38CCA0
RGB	56, 204, 160
RGB Percent	22%, 80%, 63%
CMY	0.7804, 0.2000, 0.3725
CMYK	0.73, 0.00, 0.22, 0.20
HSL	162°, 59%, 51%
HSV	162°, 73%, 80%
XYZ	29.5689, 46.5645, 40.6871
YIQ	154.7320, -74.0840, -45.0600

Conversions

Conversions Part 2

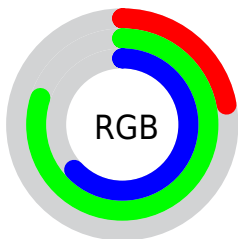
Format	Color
RYB	56, 143, 204
Decimal	3722400
CIELab	73.91, -48.75, 10.96
CIELCh	74, 49.969, 167.326
Yxy	46.5663, 0.2531, 0.3986
Android (android.graphics.Color)	4281912480 (0xFF38CCA0)
YUV	154.7320, 2.5971, -86.5880
Hunter-Lab	68.2382, -42.0695, 12.4150

Details

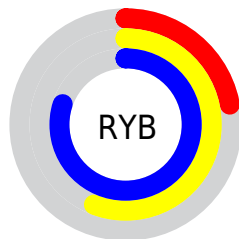
The HunterLab color **68.2382, -42.0695, 12.4150** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **40.7270, 54.1547, 8.4895**, and the grayscale version is **57.1559, -3.0497, 3.1054**.

A 20% lighter version of the original color is **89.7982, -45.4449, 12.0897**, and **47.5159, -32.6102, 11.0053** is the 20% darker color. If you saturate the color by 10%, you get **67.7394, -44.4057, 14.2291**, and if you desaturate by 10%, it is **68.9174, -39.0302, 10.7189**.

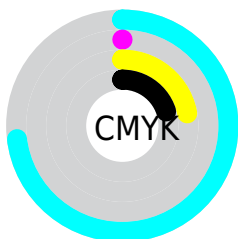
Distribution



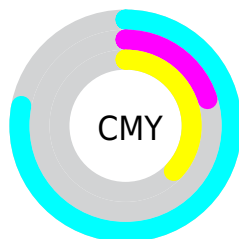
- Red (22%)
- Green (80%)
- Blue (63%)



- Red (22%)
- Yellow (56%)
- Blue (80%)



- Cyan (73%)
- Magenta (0%)
- Yellow (22%)
- Black (20%)



- Cyan (78%)
- Magenta (20%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.2382, -42.0695, 12.4150 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 68.2382, -42.0695, 12.4150 by changing the saturation by 10% instead.

■ 68.2382, -42.0695,
12.4150

■ 68.2382, -42.0695,
12.4150

193.1530,
-68.3160, 23.2735

■ 57.1778, -38.6888,
11.2414

■ 92.2312, -48.4321,
14.7681

■ 46.7882, -35.1286,
10.0617

■ 105.1004,
-51.4601, 15.9526

■ 37.1175, -31.3379,
8.8689

■ 118.5181,
-54.4084, 17.1453

■ 28.2237, -27.2405,
7.6506

■ 132.4626,
-57.2895, 18.3478

■ 20.1818, -22.7174,
6.3864

■ 146.9148,
-60.1133, 19.5611

■ 13.0940, -19.1831,
5.0434

161.8574,

■ 6.5805, -11.5159,

-62.8880, 20.7861

4.6064

177.2749,
-65.6203, 22.0234

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.2382, -42.0695,
12.4150

■ 68.2382, -42.0695,
12.4150

■ 67.7394, -44.4057,
14.2291

■ 68.9174, -39.0302,
10.7189

■ 67.3978, -46.0960,
16.1236

■ 69.7866, -35.2590,
9.1690


■ 67.2169, -47.0490,
17.5500


■ 70.8561, -30.7547,
7.7915


■ 72.1310, -25.5371,
6.6064


■ 73.6133, -19.6434,

5.6283

 75.3021, -13.1233,
4.8663

 77.1940, -6.0350,
4.3247

 79.2840, 1.5588,
4.0030

 81.5655, 9.5944,
3.8968

Harmonies

Analogous

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



68.2395, -33.5469, 26.7404



68.2382, -42.0695, 12.4150



68.2395, -41.3488, -10.2288

Triad

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



68.2395, -42.0700, 12.4157



68.2395, 10.2102, -50.7497



68.2395, 29.4399, 28.1986

Complementary

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



68.2382, -42.0695, 12.4150



40.7270, 54.1547, 8.4895

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.



68.2395, 44.5831, 15.2221



68.2382, -42.0695, 12.4150



68.2395, 32.4996, -31.9293

Square

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



68.2395, -42.0700, 12.4157



68.2395, -13.1948, -52.2880



68.2395, 45.7725, -6.3088



68.2395, 6.4613, 33.5760

Rectangle

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



68.2382, -42.0695, 12.4150



68.2395, -35.7291, -27.4933



68.2395, 45.7725, -6.3088



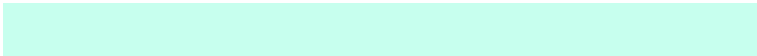
68.2395, 35.7418, 24.8252

Sweetspot

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



68.2395, -42.0700, 12.4157



94.7842, -25.0701, 7.2138



67.9745, -46.4573, 37.8083



43.5959, -12.6037, 3.4838

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.2395, -42.0700, 12.4157



86.9032, -58.4552, 19.6635



59.6901, -21.4881, -20.3414



35.5921, -5.1354, 2.1915



53.3419, -37.2280, 13.6919



12.1690, -8.1299, 2.3401

Inverse Universe

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



40.7270, 54.1547, 8.4895



48.2276, 78.6225, 16.5485



44.4028, 38.5261, 23.0386



33.5673, 1.5983, 1.6596



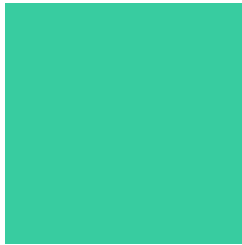
28.8169, 50.1275, 12.5921



6.6473, 11.7603, 1.3762

Previews

White Background



This preview shows how the HunterLab color 68.2382, -42.0695, 12.4150 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 68.2382, -42.0695, 12.4150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

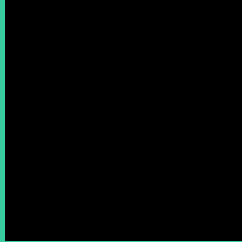
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

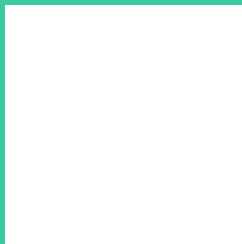
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.2382, -42.0695, 12.4150 Background



This preview shows how black text looks on a background with the HunterLab color 68.2382, -42.0695, 12.4150.



This preview shows how white text looks on a background with the HunterLab color 68.2382, -42.0695, 12.4150.

-42.0695, 12.4150.

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

68.2382, -42.0695, 12.4150

Protanopia

67.7178, -4.7590, 17.1139

Deuteranopia

67.6451, 4.9564, 9.7257



Tritanopia

68.2132, -26.5916, -13.1488

Trichromacy



Original Color

68.2382, -42.0695, 12.4150



Protanomaly

66.6431, -22.8250, 14.2374



Deuteranomaly

66.2286, -17.1813, 9.0667



Tritanomaly

68.2789, -32.8521, -2.8217

Monochromacy



Original Color

68.2382, -42.0695, 12.4150



Achromatopsia

57.2519, -3.0548, 3.1106



Achromatomaly

60.2025, -20.4455, 5.3238

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.2382, -42.0695, 12.4150 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(56, 204, 160)` looks like.

```
.text, #text, p{  
    color:rgb(56, 204, 160)  
}
```

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(56, 204, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 204, 160) }
```

Border

The CSS property to change the border of an element to HunterLab 68.2382, -42.0695, 12.4150 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(56, 204, 160) }
```


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

```
.border{ border-color:rgb(56, 204, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 204, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 204, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 204, 160);  
box-shadow:4px 4px 4px 4px rgb(56, 204,  
160) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.2382, -42.0695, 12.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 204, 160) }
```

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

```
.background{ background-color: rgb(56, 204,  
160) }
```

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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