

Converting Colors

HunterLab(67.6249, -42.4790,
23.2129)

Have a look what the booklet for
HunterLab(67.6249, -42.4790,
23.2129) contains.

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Color

**HunterLab(67.6052,
-42.5380, 23.3043)**

Conversions

Conversions Part 1

Format	Color
Hex	55CA7F
RGB	85, 202, 127
RGB Percent	33%, 79%, 50%
CMY	0.6667, 0.2078, 0.5020
CMYK	0.58, 0.00, 0.37, 0.21
HSL	142°, 52%, 56%
HSV	142°, 58%, 79%
XYZ	28.6976, 45.7046, 27.3880
YIQ	158.4670, -45.6570, -48.1290

Conversions

Conversions Part 2

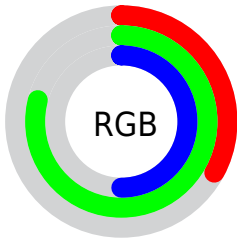
Format	Color
RYB	85, 171, 202
Decimal	5622399
CIELab	73.35, -49.71, 27.81
CIELCh	73, 56.961, 150.778
Yxy	45.7065, 0.2819, 0.4490
Android (android.graphics.Color)	4283812479 (0xFF55CA7F)
YUV	158.4670, -15.5132, -64.4306
Hunter-Lab	67.6052, -42.5380, 23.3043

Details

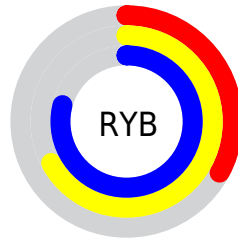
The HunterLab color **67.6052, -42.5380, 23.3043** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **46.4678, 49.1044, -12.9440**, and the grayscale version is **58.7399, -3.1342, 3.1914**.

A 20% lighter version of the original color is **89.8580, -47.0029, 26.0562**, and **46.2776, -35.4779, 18.8995** is the 20% darker color. If you saturate the color by 10%, you get **66.7652, -46.4485, 26.1760**, and if you desaturate by 10%, it is **68.6661, -37.7580, 20.2439**.

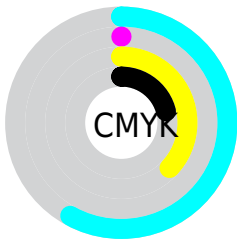
Distribution



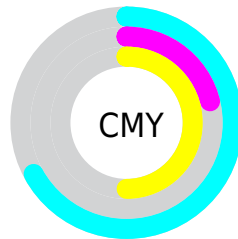
- Red (33%)
- Green (79%)
- Blue (50%)



- Red (33%)
- Yellow (67%)
- Blue (79%)



- Cyan (58%)
- Magenta (0%)
- Yellow (37%)
- Black (21%)



- Cyan (67%)
- Magenta (21%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.6052, -42.5380, 23.3043 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 67.6052, -42.5380, 23.3043 by changing the saturation by 10% instead.

■ 67.6052, -42.5380,
23.3043

■ 67.6052, -42.5380,
23.3043

192.2570,
-69.2331, 41.0284

■ 56.5812, -39.0886,
21.1322

■ 91.5312, -49.0226,
27.4614

■ 46.2303, -35.4520,
18.8714

■ 104.3692,
-52.1051, 29.4713

■ 36.6012, -31.5751,
16.4945

■ 117.7569,
-55.1047, 31.4479

■ 27.7527, -27.3781,
13.9607

■ 131.6726,
-58.0343, 33.3981

■ 19.7609, -22.7366,
11.2194

146.0970,
-60.9041, 35.3272

■ 12.7300, -19.5900,
8.9110

161.0127,

■ 6.0941, -10.6647,

-63.7227, 37.2397

4.2659

176.4042,
-66.4971, 39.1391

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.6052, -42.5380,
23.3043

■ 67.6052, -42.5380,
23.3043

■ 66.7652, -46.4485,
26.1760

■ 68.6661, -37.7580,
20.2439

■ 66.1311, -49.4911,
28.8211

■ 69.9498, -32.1302,
17.0325

■ 65.6879, -51.7051,
31.2078

■ 71.4598, -25.7027,
13.7109

■ 65.4069, -53.1918,
33.3046

■ 73.1950, -18.5393,
10.3185

■ 65.3585, -53.4526,

■ 75.1511, -10.7148,

33.6963

6.8920

■ 77.3220, -2.3088,
3.4641

■ 79.6997, 6.5982,
0.0631

■ 82.2750, 15.9289,
-3.2882

■ 83.6700, 21.3066,
-8.4618

Harmonies

Analogous

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



67.6066, -27.7310, 33.4593



67.6052, -42.5380, 23.3043



67.6066, -47.3428, 3.0197

Triad

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



67.6066, -42.5389, 23.3048



67.6066, -2.9189, -64.8278



67.6066, 45.9033, 24.0610

Complementary

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



67.6052, -42.5380, 23.3043



46.4678, 49.1044, -12.9440

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.



67.6066, 55.1710, 4.3337



67.6052, -42.5380, 23.3043



67.6066, 24.4506, -52.5242

Square

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



67.6066, -42.5389, 23.3048



67.6066, -26.7052, -53.6692



67.6066, 46.7822, -24.4771



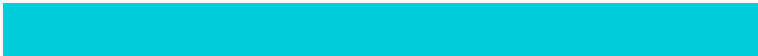
67.6066, 23.0710, 33.7630

Rectangle

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



67.6052, -42.5380, 23.3043



67.6066, -44.9159, -15.8443



67.6066, 46.7822, -24.4771



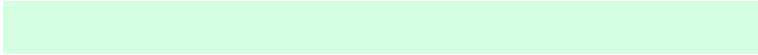
67.6066, 50.8526, 18.6994

Sweetspot

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



67.6066, -42.5389, 23.3048



95.4059, -23.4490, 13.1204



71.0502, -30.2020, 36.0799



43.9137, -11.7662, 6.4886

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.6066, -42.5389, 23.3048



86.5954, -61.7582, 35.1381



69.0318, -34.0087, 2.7794



35.4999, -5.6499, 3.5099



52.4429, -42.7848, 26.8111



11.9718, -9.3420, 5.2030

Inverse Universe

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



46.4678, 49.1044, -12.9440



55.0057, 76.5575, -17.8476



44.7490, 41.4867, 11.4544



33.6641, 2.1181, 0.2814



30.2090, 55.1957, -7.3157



6.9640, 12.9043, -3.0837

Previews

White Background



This preview shows how the HunterLab color 67.6052, -42.5380, 23.3043 looks on a white background.

Color Contrast Check

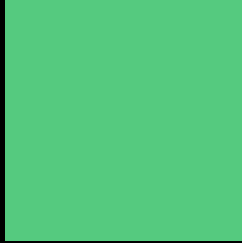
Large Text (above 18pt) WCAG AA × Fail

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 67.6052, -42.5380, 23.3043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

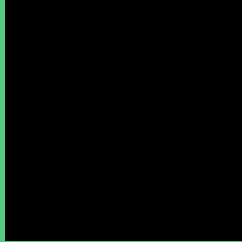
Any Text WCAG AA ✓ Pass

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 67.6052, -42.5380, 23.3043 Background



This preview shows how black text looks on a background with the HunterLab color 67.6052, -42.5380, 23.3043.



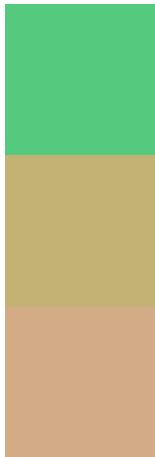
This preview shows how white text looks on a background with the HunterLab color 67.6052,

-42.5380, 23.3043.

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

67.6052, -42.5380, 23.3043

Protanopia

67.0775, -6.7393, 26.3391

Deuteranopia

66.8550, 5.1007, 21.2829



Tritanopia

67.4103, -21.5315, -11.3251

Trichromacy



Original Color

67.6052, -42.5380, 23.3043



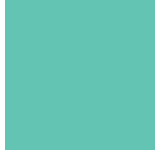
Protanomaly

66.1749, -22.6165, 24.1736



Deuteranomaly

65.6460, -16.0625, 20.7758



Tritanomaly

67.4121, -30.2407, 3.5001

Monochromacy



Original Color

67.6052, -42.5380, 23.3043



Achromatopsia

58.4734, -3.1200, 3.1770



Achromatomaly

60.9951, -19.6422, 10.4089

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.6052, -42.5380, 23.3043 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(85, 202, 127)` looks like.

```
.text, #text, p{  
    color:rgb(85, 202, 127)  
}
```

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(85, 202, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 202, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 67.6052, -42.5380, 23.3043 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(85, 202, 127) }
```


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

```
.border{ border-color:rgb(85, 202, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 202, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 202, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 202, 127);  
box-shadow:4px 4px 4px 4px rgb(85, 202,  
127) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.6052, -42.5380, 23.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 202, 127) }
```

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

```
.background{ background-color: rgb(85, 202,  
127) }
```

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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