

Converting Colors

HunterLab(52.3349, -45.7054,
20.0544)

Have a look what the booklet for
HunterLab(52.3349, -45.7054,
20.0544) contains.

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Color

**HunterLab(53.6451,
-40.8584, 21.1499)**

Conversions

Conversions Part 1

Format	Color
Hex	00A85C
RGB	0, 168, 92
RGB Percent	0%, 66%, 36%
CMY	1.0000, 0.3412, 0.6392
CMYK	1.00, 0.00, 0.45, 0.34
HSL	153°, 100%, 33%
HSV	153°, 100%, 66%
XYZ	15.9344, 28.7780, 14.8401
YIQ	109.1040, -75.7320, -59.2520

Conversions

Conversions Part 2

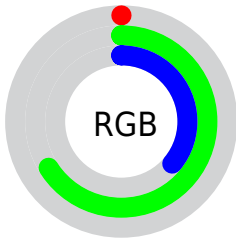
Format	Color
RYB	0, 109, 168
Decimal	43100
CIELab	60.59, -54.41, 29.12
CIELCh	61, 61.711, 151.846
Yxy	28.7791, 0.2676, 0.4832
Android (android.graphics.Color)	4278233180 (0xFF00A85C)
YUV	109.1040, -8.4323, -95.6842
Hunter-Lab	53.6451, -40.8584, 21.1499

Details

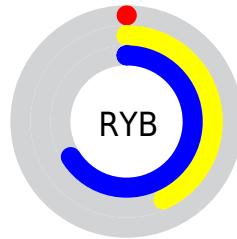
The HunterLab color **53.6451, -40.8584, 21.1499** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **29.7444, 52.6912, 5.6180**, and the grayscale version is **39.1991, -2.0916, 2.1298**.

A 20% lighter version of the original color is **75.8410, -48.1615, 25.5743**, and **34.9521, -28.1140, 17.0030** is the 20% darker color. If you saturate the color by 10%, you get **53.6461, -40.8596, 21.1512**, and if you desaturate by 10%, it is **53.8852, -39.6016, 19.3553**.

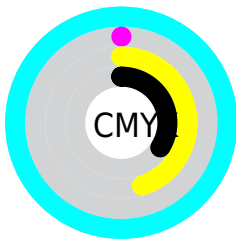
Distribution



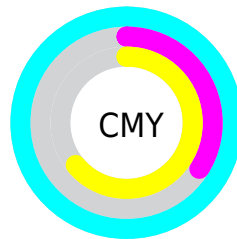
- Red (0%)
- Green (66%)
- Blue (36%)



- Red (0%)
- Yellow (43%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.6451, -40.8584, 21.1499 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 53.6451, -40.8584, 21.1499 by changing the saturation by 10% instead.

■ 53.6451, -40.8584,
21.1499

■ 53.6451, -40.8584,
21.1499

172.0963,
-70.6626, 39.8479

■ 43.4900, -36.8333,
18.7700

■ 75.9776, -48.2801,
25.6283

■ 34.0705, -32.5157,
16.2552

■ 88.0774, -51.7562,
27.7662

■ 25.4507, -27.8073,
13.5592

■ 100.7590,
-55.1127, 29.8553

■ 17.7129, -22.5535,
10.9071

■ 113.9968,
-58.3692, 31.9054

■ 10.9723, -19.2015,
7.6806

■ 127.7683,
-61.5412, 33.9241

■ 2.5475, -4.4581,
1.7832

■ 142.0537,

0.0000, NaN, NaN

-64.6410, 35.9176

0.0000, NaN, NaN

156.8351,
-67.6787, 37.8909

0.0000, NaN, NaN

■ 53.6451, -40.8584,
21.1499

■ 53.6451, -40.8584,
21.1499

■ 53.6461, -40.8596,
21.1512

■ 53.8852, -39.6016,
19.3553

■ 54.2270, -37.9024,
17.4809

■ 54.7067, -35.6281,
15.5719

■ 55.3374, -32.7454,
13.6569

■ 56.1279, -29.2452,
11.7632

■ 57.0839, -25.1379,
9.9162

■ 58.2077, -20.4502,
8.1385

■ 59.4996, -15.2214,
6.4497

■ 60.9575, -9.4989,
4.8659

Harmonies

Analogous

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



53.6462, -27.2282, 29.9590



53.6451, -40.8584, 21.1499



53.6462, -44.9435, 1.3327

Triad

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



53.6462, -40.8589, 21.1503



53.6462, -1.2115, -71.8092



53.6462, 47.7444, 22.7415

Complementary

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



53.6451, -40.8584, 21.1499



29.7444, 52.6912, 5.6180

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.



53.6462, 58.2770, 4.4605



53.6451, -40.8584, 21.1499



53.6462, 26.8104, -56.8688

Square

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



53.6462, -40.8589, 21.1503



53.6462, -24.8880, -59.9537



53.6462, 49.9634, -25.4146



53.6462, 23.4063, 30.5135

Rectangle

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



53.6451, -40.8584, 21.1499



53.6462, -42.4977, -18.4721



53.6462, 49.9634, -25.4146



53.6462, 53.2086, 18.0281

Sweetspot

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



53.6462, -40.8589, 21.1503



78.3194, -27.9185, 11.0932



54.4456, -38.9602, 32.8668



36.2687, -14.2571, 5.6248



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



53.6462, -40.8589, 21.1503



72.2343, -55.2283, 28.9354



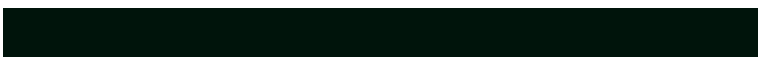
53.6752, -27.2217, -8.3248



29.1100, -4.3267, 2.2682



46.6287, -35.4369, 18.2162



7.3424, -5.1019, 1.8363

Inverse Universe

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



29.7444, 52.6912, 5.6180



40.0144, 70.7873, 8.3265



29.0636, 48.6957, 18.7608



27.5620, 1.4199, 0.8727



25.8665, 45.8596, 4.6022



4.1615, 7.6126, -1.0783

Previews

White Background



This preview shows how the HunterLab color 53.6451, -40.8584, 21.1499 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 53.6451, -40.8584, 21.1499 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 × Fail

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

HunterLab 53.6451, -40.8584, 21.1499 Background



This preview shows how black text looks on a background with the HunterLab color 53.6451, -40.8584, 21.1499.



This preview shows how white text looks on a background with the HunterLab color 53.6451, -40.8584, 21.1499.

-40.8584, 21.1499.

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

53.6451, -40.8584, 21.1499

Protanopia

53.1618, -5.6542, 23.3047

Deuteranopia

53.2586, 3.7930, 19.7429



Tritanopia

53.6951, -21.1821, -10.3807

Trichromacy



Original Color

53.6451, -40.8584, 21.1499



Protanomaly

51.2223, -25.2456, 20.6840



Deuteranomaly

51.0262, -20.8248, 18.2190



Tritanomaly

53.1742, -30.1019, 3.2633

Monochromacy



Original Color

53.6451, -40.8584, 21.1499



Achromatopsia

39.1058, -2.0866, 2.1247



Achromatomaly

42.6729, -20.7795, 8.1022

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.6451, -40.8584, 21.1499 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(0, 168, 92)` looks like.

```
.text, #text, p{  
    color:rgb(0, 168, 92)  
}
```

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(0, 168, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 168, 92) }
```

Border

The CSS property to change the border of an element to HunterLab 53.6451, -40.8584, 21.1499 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(0, 168, 92) }
```


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

```
.border{ border-color:rgb(0, 168, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 168, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 168, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 168, 92);  
box-shadow:4px 4px 4px 4px rgb(0, 168, 92)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 53.6451, -40.8584, 21.1499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 168, 92) }
```

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

```
.background{ background-color: rgb(0, 168,  
92) }
```

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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