

Converting Colors

HunterLab(53.2520, -40.4845,
27.7632)

Have a look what the booklet for
HunterLab(53.2520, -40.4845,
27.7632) contains.

HunterLab(53.1233, -40.4090, 27.7066)	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(53.1233,
-40.4090, 27.7066)**

Conversions

Conversions Part 1

Format	Color
Hex	31A639
RGB	49, 166, 57
RGB Percent	19%, 65%, 22%
CMY	0.8078, 0.3490, 0.7765
CMYK	0.70, 0.00, 0.66, 0.35
HSL	124°, 54%, 42%
HSV	124°, 70%, 65%
XYZ	15.6414, 28.2209, 8.4937
YIQ	118.5910, -34.7430, -58.7030

Conversions

Conversions Part 2

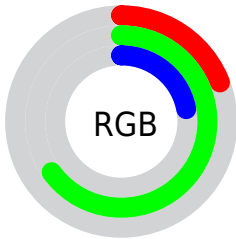
Format	Color
R_{YB}	49, 159, 166
Decimal	3253817
CIE _{Lab}	60.09, -53.97, 45.73
CIE _{LCh}	60, 70.735, 139.723
Yxy	28.2220, 0.2987, 0.5390
Android (android.graphics.Color)	4281443897 (0xFF31A639)
YUV	118.5910, -30.3644, -61.0313
Hunter-Lab	53.1233, -40.4090, 27.7066

Details

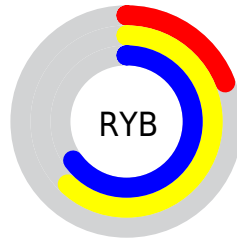
The HunterLab color **53.1233, -40.4090, 27.7066** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **35.7389, 52.3143, -30.7264**, and the grayscale version is **42.9167, -2.2899, 2.3317**.

A 20% lighter version of the original color is **75.3601, -47.6430, 34.2197**, and **34.3661, -29.4689, 20.6603** is the 20% darker color. If you saturate the color by 10%, you get **52.6792, -42.5322, 29.2991**, and if you desaturate by 10%, it is **53.7513, -37.4715, 25.6139**.

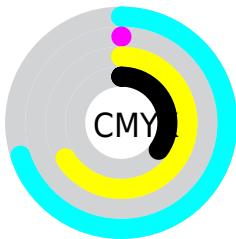
Distribution



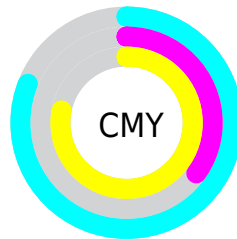
- Red (19%)
- Green (65%)
- Blue (22%)



- Red (19%)
- Yellow (62%)
- Blue (65%)



- Cyan (70%)
- Magenta (0%)
- Yellow (66%)
- Black (35%)





- Cyan (81%)
- Magenta (35%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 53.1233, -40.4090, 27.7066 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 53.1233, -40.4090, 27.7066 by changing the saturation by 10% instead.


 53.1233, -40.4090,
27.7066


 53.1233, -40.4090,
27.7066


171.3261,
-70.0539, 54.3016


 43.0036, -36.4027,
24.1456


 75.3915, -47.7933,
34.3055


 33.6223, -32.1028,
20.3565


 87.4616, -51.2509,
37.4038


 25.0441, -27.4100,
16.5133


 100.1148,
-54.5892, 40.3983

 17.3529, -22.1754,
12.1470

 113.3255,
-57.8279, 43.3057

 10.6658, -18.6652,
7.4661

 127.0710,
-60.9825, 46.1397

 0.9915, -1.7351,
0.6940

 141.3313,

0.0000, NaN, NaN

-64.0653, 48.9112

0.0000, NaN, NaN

156.0884,
-67.0863, 51.6294

0.0000, NaN, NaN

■ 53.1233, -40.4090,
27.7066

■ 53.1233, -40.4090,
27.7066

■ 52.6792, -42.5322,
29.2991

■ 53.7513, -37.4715,
25.6139

■ 52.3993, -43.8903,
30.4091

■ 54.5710, -33.7018,
23.0212

■ 52.2480, -44.6319,
31.0420

■ 55.5899, -29.1158,
19.9464

■ 56.8105, -23.7535,
16.4210

■ 58.2321, -17.6744,
12.4865

■ 59.8508, -10.9502,
8.1908

■ 61.6609, -3.6593,
3.5842

■ 63.6550, 4.1187,
-1.2835

■ 65.8243, 12.3072,
-6.3651

Harmonies

Analogous

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



53.1244, -21.1201, 33.0917



53.1233, -40.4090, 27.7066



53.1244, -48.9030, 11.8675

Triad

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



53.1244, -40.4098, 27.7069



53.1244, -12.8465, -85.7752



53.1244, 63.9581, 18.4131

Complementary

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



53.1233, -40.4090, 27.7066



35.7389, 52.3143, -30.7264

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.



53.1244, 67.5828, -7.9882



53.1233, -40.4090, 27.7066



53.1244, 18.3101, -80.3191

Square

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



53.1244, -40.4098, 27.7069



53.1244, -35.5262, -59.2299



53.1244, 49.3768, -46.9265



53.1244, 40.3648, 30.1923

Rectangle

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



53.1233, -40.4090, 27.7066



53.1244, -48.9638, -7.3562



53.1244, 49.3768, -46.9265



53.1244, 67.7268, 11.4333

Sweetspot

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



53.1244, -40.4098, 27.7069



78.2627, -24.5914, 17.3238



58.9789, -17.4668, 33.1156



36.7734, -12.6906, 8.8769



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.



53.1244, -40.4098, 27.7069



70.7125, -58.5289, 40.4568



54.0105, -34.9791, 14.7633



29.0099, -4.8852, 3.7000



46.0115, -39.2829, 27.2900



7.1945, -6.0175, 3.9976

Inverse Universe

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



35.7389, 52.3143, -30.7264



44.8788, 80.5110, -46.5306



33.4938, 43.2334, 0.1870



27.6724, 2.0122, -0.6973



28.4874, 55.2047, -31.3527



4.4720, 8.7101, -5.2629

Previews

White Background



This preview shows how the HunterLab color 53.1233, -40.4090, 27.7066 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 53.1233, -40.4090, 27.7066 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 53.1233, -40.4090, 27.7066 Background



This preview shows how black text looks on a background with the HunterLab color 53.1233, -40.4090, 27.7066.



This preview shows how white text looks on a background with the HunterLab color 53.1233,

-40.4090, 27.7066.

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

53.1233, -40.4090, 27.7066

Protanopia

52.6902, -6.6044, 28.8276

Deuteranopia

52.6779, 3.6718, 26.7230



Tritanopia

52.9331, -17.8294, -9.1897

Trichromacy



Original Color

53.1233, -40.4090, 27.7066

Protanomaly

51.6784, -22.6805, 27.5827

Deuteranomaly

51.3459, -17.3816, 25.9046

Tritanomaly

52.5547, -28.2917, 8.8494

Monochromacy



Original Color

53.1233, -40.4090, 27.7066

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

45.6427, -19.1336, 13.4146

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.1233, -40.4090, 27.7066 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(49, 166, 57)` looks like.

```
.text, #text, p{  
    color:rgb(49, 166, 57)  
}
```

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(49, 166, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 166, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 53.1233, -40.4090, 27.7066 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(49, 166, 57) }
```


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

```
.border{ border-color:rgb(49, 166, 57) }
```

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

Here you see how a box with a 4 pixel rgb(49, 166, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 166, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 166, 57);  
box-shadow:4px 4px 4px 4px rgb(49, 166,  
57) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.1233, -40.4090, 27.7066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 166, 57) }
```

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

```
.background{ background-color: rgb(49, 166,  
57) }
```

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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