

Converting Colors

HunterLab(55.2046, -40.0270,
24.6189)

Have a look what the booklet for
HunterLab(55.2046, -40.0270,
24.6189) contains.

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Color

**HunterLab(55.1853,
-40.0035, 24.5123)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 33AB53 |
| RGB | 51, 171, 83 |
| RGB Percent | 20%, 67%, 33% |
| CMY | 0.8000, 0.3294, 0.6745 |
| CMYK | 0.70, 0.00, 0.51, 0.33 |
| HSL | 136°, 54%, 44% |
| HSV | 136°, 70%, 67% |
| XYZ | 17.4895, 30.4542, 13.1400 |
| YIQ | 125.0880, -43.2720, -52.8080 |

Conversions

Conversions Part 2

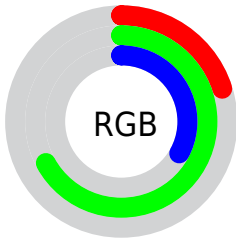
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 51, 146, 171 |
| Decimal | 3386195 |
| CIELab | 62.05, -52.01, 35.72 |
| CIELCh | 62, 63.094, 145.514 |
| Yxy | 30.4554, 0.2863, 0.4986 |
| Android (android.graphics.Color) | 4281576275 (0xFF33AB53) |
| YUV | 125.0880, -20.7494, -64.9752 |
| Hunter-Lab | 55.1853, -40.0035, 24.5123 |

Details

The HunterLab color **55.1853, -40.0035, 24.5123** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **35.9030, 49.7276, -17.3449**, and the grayscale version is **45.4118, -2.4231, 2.4673**.

A 20% lighter version of the original color is **77.5694, -46.9624, 29.7364**, and **35.8303, -29.5737, 19.0564** is the 20% darker color. If you saturate the color by 10%, you get **54.6932, -42.3846, 26.5951**, and if you desaturate by 10%, it is **55.8531, -36.8780, 22.1404**.

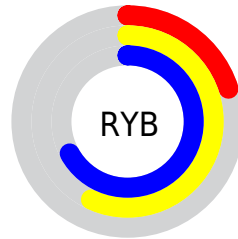
Distribution



Red (20%)

Green (67%)

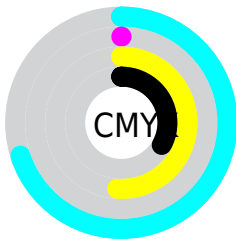
Blue (33%)



Red (20%)

Yellow (57%)

Blue (67%)

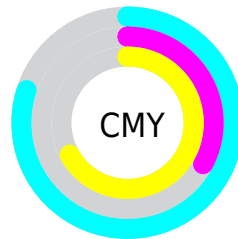


Cyan (70%)

Magenta (0%)

Yellow (51%)

Black (33%)



Cyan (80%)

Magenta (33%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.1853, -40.0035, 24.5123 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 55.1853, -40.0035, 24.5123 by changing the saturation by 10% instead.

■ 55.1853, -40.0035,
24.5123

■ 55.1853, -40.0035,
24.5123

174.3621,
-68.5663, 46.2053

■ 44.9272, -36.1816,
21.6917

■ 77.7056, -47.0774,
29.7860

■ 35.3967, -32.0945,
18.7018

■ 89.8920, -50.4007,
32.2862

■ 26.6556, -27.6545,
15.4932

■ 102.6563,
-53.6151, 34.7182

■ 18.7829, -22.7230,
12.6439

■ 115.9733,
-56.7386, 37.0940

■ 11.8878, -20.8036,
8.3214

■ 129.8210,
-59.7851, 39.4236

■ 4.7583, -8.3271,
3.3308

144.1798,

0.0000, NaN, NaN

-62.7661, 41.7146

0.0000, NaN, NaN

159.0322,
-65.6906, 43.9734

0.0000, NaN, NaN

■ 55.1853, -40.0035,
24.5123

■ 55.1853, -40.0035,
24.5123

■ 54.6932, -42.3846,
26.5951

■ 55.8531, -36.8780,
22.1404

■ 54.3590, -44.0570,
28.3697

■ 56.7030, -32.9985,
19.5036

■ 54.1490, -45.1529,
29.7906

■ 57.7414, -28.3835,
16.6331

■ 58.9707, -23.0713,
13.5637

■ 60.3900, -17.1154,
10.3323

■ 61.9961, -10.5795,
6.9756

■ 63.7838, -3.5326,
3.5282

■ 65.7464, 3.9557,
0.0220

■ 67.8763, 11.8177,
-3.5154

Harmonies

Analogous

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



55.1864, -23.8555, 31.7925



55.1853, -40.0035, 24.5123



55.1864, -46.2598, 6.7818

Triad

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



55.1864, -40.0042, 24.5126



55.1864, -7.0080, -73.9512



55.1864, 53.0986, 20.5238

Complementary

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



55.1853, -40.0035, 24.5123



35.9030, 49.7276, -17.3449

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.



55.1864, 60.0055, -1.0614



55.1853, -40.0035, 24.5123



55.1864, 21.6267, -64.0622

Square

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



55.1864, -40.0042, 24.5126



55.1864, -29.7209, -56.3258



55.1864, 47.5354, -33.5714



55.1864, 30.1611, 30.4036

Rectangle

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



55.1853, -40.0035, 24.5123



55.1864, -45.0888, -12.1518



55.1864, 47.5354, -33.5714



55.1864, 57.5416, 14.7975

Sweetspot

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



55.1864, -40.0042, 24.5126



80.5757, -23.9005, 14.3542



59.0383, -25.2846, 32.7910



37.8028, -12.3186, 7.3305



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



55.1864, -40.0042, 24.5126



72.9300, -58.0220, 36.9041



56.4040, -32.6067, 6.8676



29.9552, -4.8163, 3.2208



47.0219, -39.1519, 25.7445



7.9008, -6.1689, 3.4416

Inverse Universe

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



35.9030, 49.7276, -17.3449



44.4093, 75.6460, -23.5230



34.0450, 42.0870, 8.8323



28.4799, 1.8333, -0.0463



27.6763, 51.4901, -13.8489



4.7065, 8.9086, -3.5370

Previews

White Background



This preview shows how the HunterLab color 55.1853, -40.0035, 24.5123 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 55.1853, -40.0035, 24.5123 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 55.1853, -40.0035, 24.5123 Background



This preview shows how black text looks on a background with the HunterLab color 55.1853, -40.0035, 24.5123.



This preview shows how white text looks on a background with the HunterLab color 55.1853,

-40.0035, 24.5123.

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

55.1853, -40.0035, 24.5123

Protanopia

54.6893, -6.4004, 26.1746

Deuteranopia

54.5779, 3.7201, 23.1878



Tritanopia

55.0409, -19.2080, -9.5560

Trichromacy



Original Color

55.1853, -40.0035, 24.5123



Protanomaly

53.7489, -22.2053, 24.5713



Deuteranomaly

53.3452, -17.1146, 22.5498



Tritanomaly

54.8958, -28.4709, 6.1116

Monochromacy



Original Color

55.1853, -40.0035, 24.5123



Achromatopsia

45.2856, -2.4163, 2.4605



Achromatomaly

48.0296, -18.9229, 11.0540

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.1853, -40.0035, 24.5123 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(51, 171, 83)` looks like.

```
.text, #text, p{  
    color:rgb(51, 171, 83)  
}
```

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(51, 171, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 171, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 55.1853, -40.0035, 24.5123 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(51, 171, 83) }
```


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

```
.border{ border-color:rgb(51, 171, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 171, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 171, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 171, 83);  
box-shadow:4px 4px 4px 4px rgb(51, 171,  
83) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.1853, -40.0035, 24.5123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 171, 83) }
```

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

```
.background{ background-color: rgb(51, 171,  
83) }
```

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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