

Converting Colors

HunterLab(48.3383, -32.9941,
25.1805)

Have a look what the booklet for
HunterLab(48.3383, -32.9941,
25.1805) contains.

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Color

**HunterLab(48.2593,
-33.0035, 25.1680)**

Conversions

Conversions Part 1

Format	Color
Hex	449634
RGB	68, 150, 52
RGB Percent	27%, 59%, 20%
CMY	0.7333, 0.4118, 0.7961
CMYK	0.55, 0.00, 0.65, 0.41
HSL	110°, 49%, 40%
HSV	110°, 65%, 59%
XYZ	13.9101, 23.2896, 7.0110
YIQ	114.3100, -17.4140, -47.8620

Conversions

Conversions Part 2

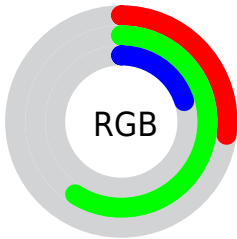
Format	Color
RYB	52, 150, 134
Decimal	4494900
CIELab	55.37, -44.14, 42.89
CIELCh	55, 61.541, 135.821
Yxy	23.2906, 0.3146, 0.5268
Android (android.graphics.Color)	4282684980 (0xFF449634)
YUV	114.3100, -30.7188, -40.6139
Hunter-Lab	48.2593, -33.0035, 25.1680

Details

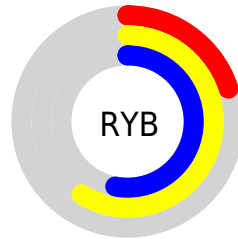
The HunterLab color $48.2593, -33.0035, 25.1680$ is a dark color, and the websafe version is hex 339933 . A complement of this color would be $31.1883, 40.2311, -34.9327$, and the grayscale version is $41.2600, -2.2015, 2.2417$.

A 20% lighter version of the original color is $69.9478, -39.2380, 31.5378$, and $29.5557, -25.3440, 17.7684$ is the 20% darker color. If you saturate the color by 10%, you get $47.7202, -35.4778, 26.6090$, and if you desaturate by 10%, it is $48.9373, -29.9238, 23.1969$.

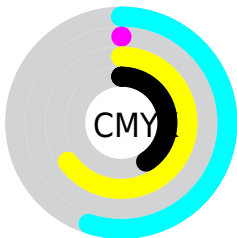
Distribution



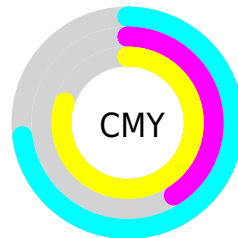
- Red (27%)
- Green (59%)
- Blue (20%)



- Red (20%)
- Yellow (59%)
- Blue (53%)



- Cyan (55%)
- Magenta (0%)
- Yellow (65%)
- Black (41%)



- Cyan (73%)
- Magenta (41%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.2593, -33.0035, 25.1680 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 48.2593, -33.0035, 25.1680 by changing the saturation by 10% instead.

■ 48.2593, -33.0035,
25.1680

■ 48.2593, -33.0035,
25.1680

164.0774,
-58.4629, 50.7522

■ 38.4814, -29.5851,
21.7128

■ 69.9071, -39.3063,
31.5402

■ 29.4702, -25.9086,
18.0188

■ 81.6920, -42.2631,
34.5228

■ 21.2984, -21.8754,
14.7427

■ 94.0736, -45.1234,
37.4019

■ 14.0635, -17.7585,
9.8444

■ 107.0242,
-47.9044, 40.1951

■ 7.7106, -13.4936,
5.3974

■ 120.5200,
-50.6192, 42.9165

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 134.5398,

-53.2785, 45.5773

0.0000, NaN, NaN

149.0646,
-55.8908, 48.1867

0.0000, NaN, NaN

■ 48.2593, -33.0035,
25.1680

■ 48.2593, -33.0035,
25.1680

■ 47.7202, -35.4778,
26.6090

■ 48.9373, -29.9238,
23.1969

■ 47.3106, -37.3538,
27.5473

■ 49.7549, -26.2447,
20.6860

■ 47.0215, -38.6673,
28.0440

■ 50.7148, -21.9907,
17.6426

■ 46.9189, -39.1363,
28.2261

■ 51.8167, -17.1971,
14.0866

■ 53.0586, -11.9076,
10.0475

■ 54.4373, -6.1709,
5.5615

■ 55.9485, -0.0379,
0.6687

■ 57.5871, 6.4408,
-4.5890

■ 59.3475, 13.2167,
-10.1702

Harmonies

Analogous

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



48.2603, -15.2573, 29.4312



48.2593, -33.0035, 25.1680



48.2603, -41.5766, 12.7315

Triad

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



48.2603, -33.0043, 25.1683



48.2603, -14.0340, -68.2207



48.2603, 54.3831, 13.7125

Complementary

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



48.2593, -33.0035, 25.1680



31.1883, 40.2311, -34.9327

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.



48.2603, 54.9021, -10.2830



48.2593, -33.0035, 25.1680



48.2603, 11.5634, -67.4580

Square

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



48.2603, -33.0043, 25.1683



48.2603, -32.2702, -44.3583



48.2603, 37.9610, -42.6223



48.2603, 36.6633, 25.5641

Rectangle

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



48.2593, -33.0035, 25.1680



48.2603, -42.3795, -2.3586



48.2603, 37.9610, -42.6223



48.2603, 56.6824, 7.1315

Sweetspot

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



48.2603, -33.0043, 25.1683



69.6260, -19.4536, 16.1408



48.6737, -5.6810, 25.9352



32.5833, -9.9857, 8.2283



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



48.2603, -33.0043, 25.1683



63.1433, -48.2723, 35.9502



48.1606, -32.5784, 18.6101



25.5171, -3.9940, 3.4772



42.7400, -35.5908, 25.7131



4.8184, -3.5587, 2.9068

Inverse Universe

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



31.1883, 40.2311, -34.9327



37.4649, 62.8606, -56.3992



31.9888, 39.0877, -10.9899



24.2111, 1.4488, -0.8994



23.4226, 47.9088, -45.3054



2.7826, 5.5686, -4.4289

Previews

White Background



This preview shows how the HunterLab color 48.2593, -33.0035, 25.1680 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 48.2593, -33.0035, 25.1680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

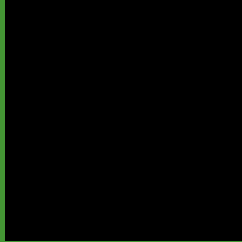
Any Text WCAG AA ✓ Pass

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 48.2593, -33.0035, 25.1680 Background



This preview shows how black text looks on a background with the HunterLab color 48.2593, -33.0035, 25.1680.



This preview shows how white text looks on a background with the HunterLab color 48.2593,

-33.0035, 25.1680.

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

48.2593, -33.0035, 25.1680

Protanopia

47.8652, -6.2077, 26.0544

Deuteranopia

47.7284, 3.4413, 24.1597



Tritanopia

48.0602, -13.2775, -7.2648

Trichromacy



Original Color

48.2593, -33.0035, 25.1680

Protanomaly

47.4748, -18.1919, 25.3064

Deuteranomaly

46.8346, -12.7259, 23.7361

Tritanomaly

47.9133, -22.3070, 8.6871

Monochromacy



Original Color

48.2593, -33.0035, 25.1680

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

42.9831, -15.3892, 12.5641

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.2593, -33.0035, 25.1680 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(68, 150, 52)` looks like.

```
.text, #text, p{  
    color:rgb(68, 150, 52)  
}
```

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(68, 150, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 150, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 48.2593, -33.0035, 25.1680 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(68, 150, 52) }
```


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

```
.border{ border-color:rgb(68, 150, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 150, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 150, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 150, 52);  
box-shadow:4px 4px 4px 4px rgb(68, 150,  
52) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.2593, -33.0035, 25.1680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 150, 52) }
```

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

```
.background{ background-color: rgb(68, 150,  
52) }
```

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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