

Converting Colors

HunterLab(47.9655, 49.3413,
25.8578)

Have a look what the booklet for
HunterLab(47.9655, 49.3413,
25.8578) contains.

HunterLab(47.9229, 49.4878, 25.7674)	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(47.9229, 49.4878,
25.7674)**

Conversions

Conversions Part 1

Format	Color
Hex	E45338
RGB	228, 83, 56
RGB Percent	89%, 33%, 22%
CMY	0.1059, 0.6745, 0.7804
CMYK	0.00, 0.64, 0.75, 0.11
HSL	9°, 76%, 56%
HSV	9°, 75%, 89%
XYZ	35.8020, 22.9660, 6.2873
YIQ	123.2770, 95.0870, 22.3430

Conversions

Conversions Part 2

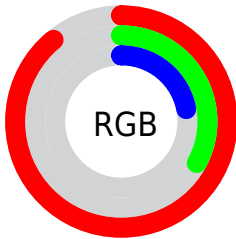
Format	Color
R_{YB}	228, 88, 56
Decimal	14963512
CIE _{Lab}	55.04, 54.90, 45.18
CIE _{LCh}	55, 71.097, 39.450
Yxy	22.9674, 0.5503, 0.3530
Android (android.graphics.Color)	4293153592 (0xFFE45338)
YUV	123.2770, -33.1676, 91.8421
Hunter-Lab	47.9229, 49.4878, 25.7674

Details

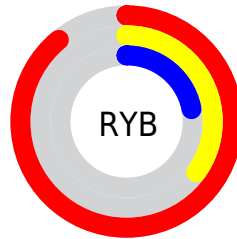
The HunterLab color **47.9229, 49.4878, 25.7674** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **69.4344, -27.6280, -20.3734**, and the grayscale version is **44.7138, -2.3858, 2.4294**.

A 20% lighter version of the original color is **63.6057, 37.0850, 27.3850**, and **29.1880, 45.6475, 18.2596** is the 20% darker color. If you saturate the color by 10%, you get **44.9977, 56.4989, 26.8011**, and if you desaturate by 10%, it is **51.5784, 41.8438, 24.0554**.

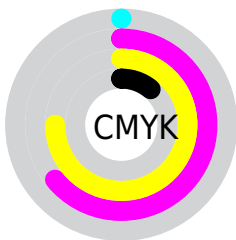
Distribution



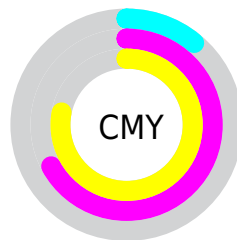
- Red (89%)
- Green (33%)
- Blue (22%)



- Red (89%)
- Yellow (35%)
- Blue (22%)



- Cyan (0%)
- Magenta (64%)
- Yellow (75%)
- Black (11%)



- Cyan (11%)
- Magenta (67%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.9229, 49.4878, 25.7674 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 47.9229, 49.4878, 25.7674 by changing the saturation by 10% instead.

47.9229, 49.4878,
25.7674

47.9229, 49.4878,
25.7674

163.5718, 62.4549,
52.5156

38.1699, 47.5473,
22.1379

69.5268, 53.0444,
32.4551

29.1852, 45.5308,
18.2585

81.2914, 54.6659,
35.5800

21.0428, 43.4998,
14.7300

93.6536, 56.1862,
38.5928

13.8410, 41.6537,
9.6887

106.5858, 57.6107,
41.5123

7.4687, 43.0032,
5.2281

120.0639, 58.9448,
44.3533

0.0000, INF, NaN

0.0000, NaN, NaN

134.0666, 60.1937,

47.1279

0.0000, NaN, NaN

148.5749, 61.3622,
49.8460

0.0000, NaN, NaN

■ 47.9229, 49.4878,
25.7674

■ 47.9229, 49.4878,
25.7674

■ 44.9977, 56.4989,
26.8011

■ 51.5784, 41.8438,
24.0554

■ 42.8495, 62.3736,
27.0823


■ 55.8833, 34.0121,
21.8036


■ 42.1232, 64.5120,
27.0855


■ 60.7548, 26.2854,
19.1580


■ 66.1133, 18.8339,
16.2394

■ 71.8886, 11.7343,
13.1372

 78.0214, 5.0043,
9.9130

 84.4628, -1.3710,
6.6076

 91.1725, -7.4226,
3.2467

 97.5878, -13.8315,
2.4116

Harmonies

Analogous

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



47.9243, 67.0812, 10.6385



47.9229, 49.4878, 25.7674



47.9243, 18.9852, 30.6046

Triad

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



47.9243, 49.4835, 25.7681



47.9243, -44.8979, 17.9288



47.9243, 7.0987, -86.7765

Complementary

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



47.9229, 49.4878, 25.7674



69.4344, -27.6280, -20.3734

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.



47.9243, -20.8639, -80.2289



47.9229, 49.4878, 25.7674



47.9243, -46.6087, -7.1075

Square

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



47.9243, 49.4835, 25.7681



47.9243, -33.4988, 28.3498



47.9243, -38.9207, -45.8045



47.9243, 38.9983, -60.4274

Rectangle

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



47.9229, 49.4878, 25.7674



47.9243, -2.0151, 31.2622



47.9243, -38.9207, -45.8045



47.9243, -3.1018, -88.5877

Sweetspot

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



47.9243, 49.4835, 25.7681



83.1819, 11.5310, 14.0848



48.5758, 77.0206, -37.0726



37.3421, 6.6515, 7.1228

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.9243, 49.4835, 25.7681



49.4870, 68.4202, 30.7234



66.8662, 7.5816, 38.0178



38.3817, 0.5401, 3.7260



32.1809, 48.4672, 20.6782



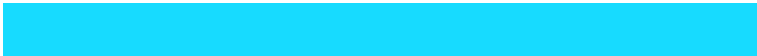
9.3683, 11.2743, 5.9701

Inverse Universe

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



69.4344, -27.6280, -20.3734



76.0502, -30.7069, -27.4336



43.5652, 13.5042, -72.8103



39.9131, -4.5332, 0.5329



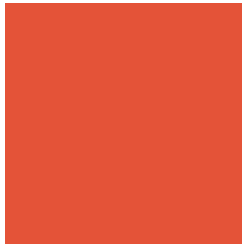
50.1973, -20.0408, -19.4799



14.0220, -5.9385, -4.7068

Previews

White Background



This preview shows how the HunterLab color 47.9229, 49.4878, 25.7674 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 47.9229, 49.4878, 25.7674 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 47.9229, 49.4878, 25.7674 Background



This preview shows how black text looks on a background with the HunterLab color 47.9229, 49.4878, 25.7674.



This preview shows how white text looks on a background with the HunterLab color 47.9229, 49.4878,

25.7674.

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

47.9229, 49.4878, 25.7674

Protanopia

48.0296, -5.1045, 22.1474

Deuteranopia

48.0815, 2.9924, 26.4927



Tritanopia

47.8436, 53.2329, 20.0187

Trichromacy



Original Color

47.9229, 49.4878, 25.7674

Protanomaly

46.5382, 14.0833, 22.3566

Deuteranomaly

46.9825, 19.9462, 25.4915

Tritanomaly

47.8432, 52.1468, 22.3651

Monochromacy



Original Color

47.9229, 49.4878, 25.7674

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

43.8213, 14.2002, 11.2798

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.9229, 49.4878, 25.7674 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(228, 83, 56)` looks like.

```
.text, #text, p{  
    color:rgb(228, 83, 56)  
}
```

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(228, 83, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 83, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 47.9229, 49.4878, 25.7674 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(228, 83, 56) }
```


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

```
.border{ border-color:rgb(228, 83, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 83, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 83, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 83, 56);  
box-shadow:4px 4px 4px 4px rgb(228, 83,  
56) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.9229, 49.4878, 25.7674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 83, 56) }
```

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

```
.background{ background-color: rgb(228, 83,  
56) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor