

Converting Colors

HunterLab(49.0690, 33.9155,
28.1477)

Have a look what the booklet for
HunterLab(49.0690, 33.9155,
28.1477) contains.

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Color

**HunterLab(49.1567, 33.8059,
28.2399)**

Conversions

Conversions Part 1

Format	Color
Hex	D6672A
RGB	214, 103, 42
RGB Percent	84%, 40%, 16%
CMY	0.1608, 0.5961, 0.8353
CMYK	0.00, 0.52, 0.80, 0.16
HSL	21°, 68%, 50%
HSV	21°, 80%, 84%
XYZ	32.9997, 24.1638, 5.1153
YIQ	129.2350, 85.7370, 4.5610

Conversions

Conversions Part 2

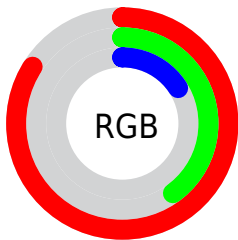
Format	Color
R_{YB}	214, 137, 42
Decimal	14051114
CIE Lab	56.25, 39.99, 52.41
CIE LCh	56, 65.920, 52.654
Yxy	24.1651, 0.5299, 0.3880
Android (android.graphics.Color)	4292241194 (0xFFD6672A)
YUV	129.2350, -43.0069, 74.3389
Hunter-Lab	49.1567, 33.8059, 28.2399

Details

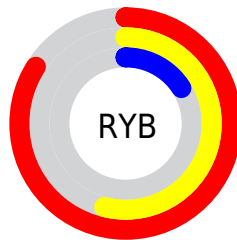
The HunterLab color **49.1567, 33.8059, 28.2399** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **53.0357, -10.4121, -38.6219**, and the grayscale version is **47.0873, -2.5125, 2.5583**.

A 20% lighter version of the original color is **67.6828, 26.7655, 33.3047**, and **30.2182, 30.8616, 19.1606** is the 20% darker color. If you saturate the color by 10%, you get **46.3965, 39.8100, 28.4042**, and if you desaturate by 10%, it is **52.2871, 27.9134, 27.3082**.

Distribution



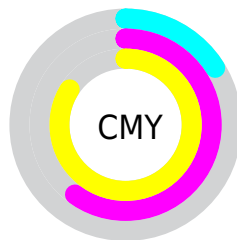
- Red (84%)
- Green (40%)
- Blue (16%)



- Red (84%)
- Yellow (54%)
- Blue (16%)



- Cyan (0%)
- Magenta (52%)
- Yellow (80%)
- Black (16%)



- Cyan (16%)
- Magenta (60%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1567, 33.8059, 28.2399 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 49.1567, 33.8059, 28.2399 by changing the saturation by 10% instead.

49.1567, 33.8059,
28.2399

49.1567, 33.8059,
28.2399

165.4250, 42.1121,
58.4808

39.3143, 32.3852,
24.1187

70.9222, 36.2862,
35.8429

30.2327, 30.8433,
19.7782

82.7610, 37.3702,
39.3906

21.9834, 29.1823,
15.3884

95.1938, 38.3596,
42.8050

14.6610, 27.4472,
10.2627

108.1935, 39.2617,
46.1068

8.3200, 26.3902,
5.8240

121.7363, 40.0827,
49.3127

0.0000, INF, NaN

0.0000, NaN, NaN

135.8013, 40.8282,

52.4365

0.0000, NaN, NaN

150.3698, 41.5033,
55.4893

0.0000, NaN, NaN

■ 49.1567, 33.8059,
28.2399

■ 49.1567, 33.8059,
28.2399

■ 46.3965, 39.8100,
28.4042

■ 52.2871, 27.9134,
27.3082

■ 44.1039, 45.4872,
27.9729

■ 55.7505, 22.2767,
25.6470

■ 59.5145, 16.9687,
23.3305

■ 63.5466, 12.0233,
20.4415

■ 67.8176, 7.4461,
17.0601

■ 72.3012, 3.2245,
13.2581

■ 76.9748, -0.6643,
9.0967

■ 81.8187, -4.2474,
4.6273

■ 86.8162, -7.5534,
-0.1076

Harmonies

Analogous

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



49.1581, 56.4158, 18.3939



49.1567, 33.8059, 28.2399



49.1581, 4.3304, 31.0057

Triad

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



49.1581, 33.8022, 28.2405



49.1581, -44.8954, 8.6910



49.1581, 19.4810, -70.2150

Complementary

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



49.1567, 33.8059, 28.2399



53.0357, -10.4121, -38.6219

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.



49.1581, -9.2151, -78.0995



49.1567, 33.8059, 28.2399



49.1581, -42.5737, -20.9523

Square

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



49.1581, 33.8022, 28.2405



49.1581, -38.0405, 24.4762



49.1581, -30.8033, -56.5858



49.1581, 46.9585, -38.7447

Rectangle

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



49.1567, 33.8059, 28.2399



49.1581, -13.6977, 30.8194



49.1581, -30.8033, -56.5858



49.1581, 9.5224, -76.2260

Sweetspot

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



49.1581, 33.8022, 28.2405



86.0264, 5.8731, 18.0166



42.7534, 68.7028, -14.7287



38.8920, 3.5788, 9.1024

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.1581, 33.8022, 28.2405



54.6230, 53.3358, 34.2743



71.0740, -8.4118, 41.8207



36.2413, -0.4764, 4.0647



34.5483, 34.6555, 21.8952



9.3464, 6.3170, 5.8698

Inverse Universe

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



53.0357, -10.4121, -38.6219



59.4600, -7.3534, -57.8269



30.7532, 34.1027, -103.1038



36.5133, -3.2577, -0.1894



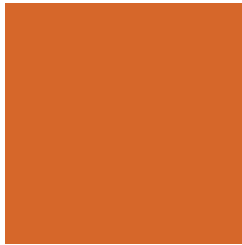
37.6043, -4.3862, -37.5335



10.0314, -2.3029, -7.5672

Previews

White Background



This preview shows how the HunterLab color 49.1567, 33.8059, 28.2399 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 49.1567, 33.8059, 28.2399 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 49.1567, 33.8059, 28.2399 Background



This preview shows how black text looks on a background with the HunterLab color 49.1567, 33.8059, 28.2399.



This preview shows how white text looks on a background with the HunterLab color 49.1567, 33.8059,

28.2399.

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

49.1567, 33.8059, 28.2399

Protanopia

49.4233, -6.4414, 26.5844

Deuteranopia

49.0858, 3.4528, 28.5690



Tritanopia

49.2751, 41.7816, 15.6546

Trichromacy



Original Color

49.1567, 33.8059, 28.2399

Protanomaly

48.6080, 7.4643, 26.6719

Deuteranomaly

48.7444, 14.1744, 28.2540

Tritanomaly

49.1087, 38.6092, 21.5380

Monochromacy



Original Color

49.1567, 33.8059, 28.2399

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

46.6579, 7.7609, 14.5151

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1567, 33.8059, 28.2399 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(214, 103, 42)` looks like.

```
.text, #text, p{  
    color:rgb(214, 103, 42)  
}
```

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(214, 103, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 103, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1567, 33.8059, 28.2399 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(214, 103, 42) }
```


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

```
.border{ border-color:rgb(214, 103, 42) }
```

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

Here you see how a box with a 4 pixel rgb(214, 103, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 103, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 103, 42);  
box-shadow:4px 4px 4px 4px rgb(214, 103,  
42) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1567, 33.8059, 28.2399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 103, 42) }
```

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

```
.background{ background-color: rgb(214,  
103, 42) }
```

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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