

Converting Colors

HunterLab(49.4989, 22.9191,
20.2964)

Have a look what the booklet for
HunterLab(49.4989, 22.9191,
20.2964) contains.

HunterLab(49.5333, 22.5651, 20.3789)	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(49.5333, 22.5651,
20.3789)**

Conversions

Conversions Part 1

Format	Color
Hex	C37356
RGB	195, 115, 86
RGB Percent	76%, 45%, 34%
CMY	0.2353, 0.5490, 0.6627
CMYK	0.00, 0.41, 0.56, 0.24
HSL	16°, 48%, 55%
HSV	16°, 56%, 76%
XYZ	30.3161, 24.5355, 11.9421
YIQ	135.6140, 56.9890, 7.9410

Conversions

Conversions Part 2

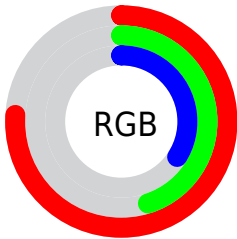
Format	Color
RYB	195, 126, 86
Decimal	12809046
CIELab	56.62, 28.60, 29.47
CIELCh	57, 41.071, 45.857
Yxy	24.5367, 0.4539, 0.3673
Android (android.graphics.Color)	4290999126 (0xFFC37356)
YUV	135.6140, -24.4597, 52.0815
Hunter-Lab	49.5333, 22.5651, 20.3789

Details

The HunterLab color **49.5333, 22.5651, 20.3789** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **57.6102, -16.1583, -17.9187**, and the grayscale version is **49.5446, -2.6436, 2.6919**.

A 20% lighter version of the original color is **71.4443, 24.0965, 25.1155**, and **30.4174, 20.6512, 15.1916** is the 20% darker color. If you saturate the color by 10%, you get **46.0972, 28.2482, 22.1699**, and if you desaturate by 10%, it is **53.3070, 17.1246, 18.1320**.

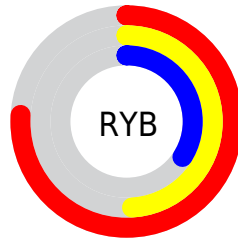
Distribution



Red (76%)

Green (45%)

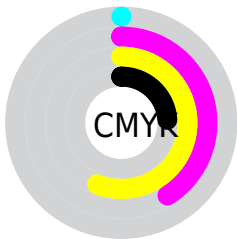
Blue (34%)



Red (76%)

Yellow (49%)

Blue (34%)

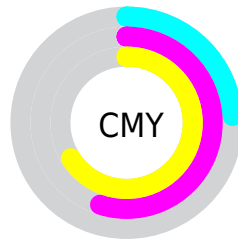


Cyan (0%)

Magenta (41%)

Yellow (56%)

Black (24%)



Cyan (24%)

Magenta (55%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.5333, 22.5651, 20.3789 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 49.5333, 22.5651, 20.3789 by changing the saturation by 10% instead.

49.5333, 22.5651,
20.3789

49.5333, 22.5651,
20.3789

165.9888, 27.0359,
39.3996

39.6639, 21.6223,
17.9251

71.3475, 24.1162,
24.9688

30.5530, 20.5564,
15.3171

83.2087, 24.7517,
27.1498

22.2716, 19.3508,
12.5012

95.6629, 25.3045,
29.2761

14.9129, 17.9985,
10.4391

108.6830, 25.7813,
31.3586

8.5616, 16.8116,
5.9931

122.2454, 26.1882,
33.4060

0.0000, INF, NaN

0.0000, NaN, NaN

136.3293, 26.5301,

35.4252

0.0000, NaN, NaN

150.9160, 26.8115,
37.4216

0.0000, NaN, NaN

■ 49.5333, 22.5651,
20.3789

■ 49.5333, 22.5651,
20.3789

■ 46.0972, 28.2482,
22.1699

■ 53.3070, 17.1246,
18.1320

■ 43.0399, 34.0749,
23.4126

■ 57.3731, 11.9876,
15.5121

■ 40.4075, 39.8628,
24.0303

■ 61.6959, 7.1663,
12.5921

■ 38.2383, 45.3527,
24.0000

■ 66.2440, 2.6526,
9.4302

■ 37.4809, 47.4144,
23.9256

■ 70.9905, -1.5738,
6.0717

■ 75.9128, -5.5388,
2.5516

■ 80.9920, -9.2698,
-1.1034

■ 86.2122, -12.7935,
-4.8727

■ 91.3270, -17.4404,
-5.4499

Harmonies

Analogous

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



49.5346, 33.3608, 10.5471



49.5333, 22.5651, 20.3789



49.5346, 5.6989, 24.5338

Triad

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



49.5346, 22.5622, 20.3796



49.5346, -30.8149, 9.7854



49.5346, 6.7211, -38.1304

Complementary

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



49.5333, 22.5651, 20.3789



57.6102, -16.1583, -17.9187

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.



49.5346, -10.4721, -38.5530



49.5333, 22.5651, 20.3789



49.5346, -30.6195, -6.6958

Square

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



49.5346, 22.5622, 20.3796



49.5346, -24.2192, 19.9868



49.5346, -23.6431, -25.6180



49.5346, 23.3980, -24.6075

Rectangle

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



49.5333, 22.5651, 20.3789



49.5346, -5.9765, 24.8965



49.5346, -23.6431, -25.6180



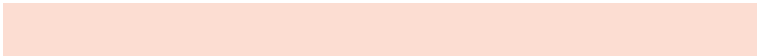
49.5346, 0.7755, -39.9332

Sweetspot

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



49.5346, 22.5622, 20.3796



87.8054, 4.3523, 13.2155



45.9083, 47.4967, -18.5667



40.4986, 2.6063, 6.5977

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.5346, 22.5622, 20.3796



60.7701, 39.4656, 30.0918



63.3932, -3.5399, 30.7661



32.4101, -0.0652, 3.3923



30.4143, 37.6397, 19.4001



7.1924, 5.4747, 4.5278

Inverse Universe

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



57.6102, -16.1583, -17.9187



73.3143, -22.0082, -29.9906



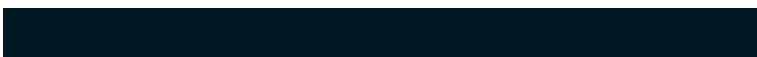
42.1722, 9.2488, -46.4379



33.1063, -3.2937, 0.1323



39.3630, -10.5281, -26.4731



8.8179, -3.0817, -4.3691

Previews

White Background



This preview shows how the HunterLab color 49.5333, 22.5651, 20.3789 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 49.5333, 22.5651, 20.3789 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 49.5333, 22.5651, 20.3789 Background



This preview shows how black text looks on a background with the HunterLab color 49.5333, 22.5651, 20.3789.



This preview shows how white text looks on a background with the HunterLab color 49.5333, 22.5651,

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

49.5333, 22.5651, 20.3789

Protanopia

49.6181, -4.6034, 17.8399

Deuteranopia

49.5874, 3.4342, 20.8308



Tritanopia

49.5692, 28.6312, 10.1702

Trichromacy



Original Color

49.5333, 22.5651, 20.3789

Protanomaly

49.0777, 4.7407, 18.3674

Deuteranomaly

49.5353, 10.0251, 20.6597

Tritanomaly

49.3818, 26.4070, 14.1903

Monochromacy



Original Color

49.5333, 22.5651, 20.3789

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

48.9024, 5.2864, 9.4457

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.5333, 22.5651, 20.3789 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(195, 115, 86)` looks like.

```
.text, #text, p{  
    color:rgb(195, 115, 86)  
}
```

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(195, 115, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 115, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 49.5333, 22.5651, 20.3789 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(195, 115, 86) }
```


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

```
.border{ border-color:rgb(195, 115, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 115, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 115, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 115, 86);  
box-shadow:4px 4px 4px 4px rgb(195, 115,  
86) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.5333, 22.5651, 20.3789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 115, 86) }
```

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

```
.background{ background-color: rgb(195,  
115, 86) }
```

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