

Converting Colors

HunterLab(53.9364, 33.9112,
33.8272)

Have a look what the booklet for
HunterLab(53.9364, 33.9112,
33.8272) contains.

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Color

**HunterLab(53.9300, 33.9249,
33.8253)**

Conversions

Conversions Part 1

Format	Color
Hex	E67300
RGB	230, 115, 0
RGB Percent	90%, 45%, 0%
CMY	0.0980, 0.5490, 1.0000
CMYK	0.00, 0.50, 1.00, 0.10
HSL	30°, 100%, 45%
HSV	30°, 100%, 90%
XYZ	38.7639, 29.0844, 3.5708
YIQ	136.2750, 105.4550, -11.3850

Conversions

Conversions Part 2

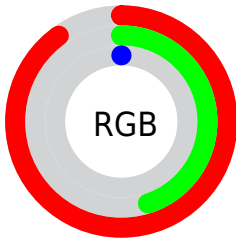
Format	Color
R _Y B	230, 230, 0
Decimal	15102720
CIE Lab	60.86, 39.51, 68.49
CIE LCh	61, 79.073, 60.019
Yxy	29.0860, 0.5428, 0.4072
Android (android.graphics.Color)	4293292800 (0xFFE67300)
YUV	136.2750, -67.1836, 82.1968
Hunter-Lab	53.9300, 33.9249, 33.8253

Details

The HunterLab color **53.9300, 33.9249, 33.8253** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **42.3966, 11.7526, -78.3617**, and the grayscale version is **49.9582, -2.6656, 2.7143**.

A 20% lighter version of the original color is **70.4946, 19.2346, 39.0399**, and **34.4707, 31.6936, 21.7955** is the 20% darker color. If you saturate the color by 10%, you get **53.9306, 33.9229, 33.8256**, and if you desaturate by 10%, it is **56.5124, 28.4375, 34.4696**.

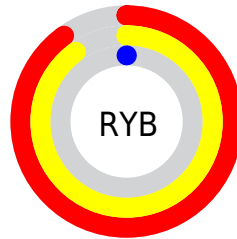
Distribution



Red (90%)

Green (45%)

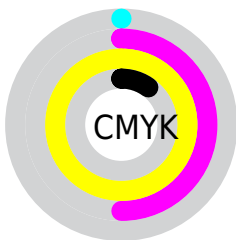
Blue (0%)



Red (90%)

Yellow (90%)

Blue (0%)

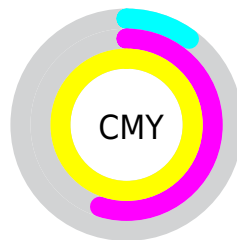


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (10%)



Cyan (10%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.9300, 33.9249, 33.8253 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 53.9300, 33.9249, 33.8253 by changing the saturation by 10% instead.

53.9300, 33.9249,
33.8253

53.9300, 33.9249,
33.8253

172.5169, 41.7262,
71.5013

43.7561, 32.5782,
28.7414

76.2979, 36.2682,
43.3000

34.3158, 31.1122,
23.7854

88.4139, 37.2900,
47.7372

25.6733, 29.5209,
17.9713

101.1109, 38.2211,
52.0073

17.9103, 27.8233,
12.5372

114.3634, 39.0682,
56.1316

11.1407, 26.1173,
7.7985

128.1492, 39.8373,
60.1286

3.0811, 56.7892,
2.1568

142.4483, 40.5337,

0.0000, INF, NaN

64.0139

0.0000, NaN, NaN

157.2429, 41.1619,
67.8010

0.0000, NaN, NaN

53.9300, 33.9249,
33.8253

53.9300, 33.9249,
33.8253

53.9306, 33.9229,
33.8256

56.5124, 28.4375,
34.4696

59.3288, 23.1869,
34.3801

62.3763, 18.2856,
33.4032

65.6411, 13.7822,
31.5417

69.1076, 9.6977,
28.8360

■ 72.7607, 6.0334,
25.3447

■ 76.5853, 2.7781,
21.1337

■ 80.5677, -0.0876,
16.2695

■ 84.6952, -2.5874,
10.8156

Harmonies

Analogous

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



53.9315, 66.3825, 25.7347



53.9300, 33.9249, 33.8253



53.9315, -2.9023, 35.4685

Triad

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



53.9315, 33.9209, 33.8259



53.9315, -54.0056, 2.9150



53.9315, 33.9680, -83.7161

Complementary

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



53.9300, 33.9249, 33.8253



42.3966, 11.7526, -78.3617

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.



53.9315, -2.8588, -103.9807



53.9300, 33.9249, 33.8253



53.9315, -48.6944, -38.4807

Square

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



53.9315, 33.9209, 33.8259



53.9315, -48.7081, 25.7171



53.9315, -31.8716, -83.7636



53.9315, 66.4141, -38.4203

Rectangle

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



53.9300, 33.9249, 33.8253



53.9315, -23.5272, 34.7997



53.9315, -31.8716, -83.7636



53.9315, 21.4315, -94.5948

Sweetspot

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



53.9315, 33.9209, 33.8259



86.0186, 3.1828, 23.8466



42.4982, 75.6910, 4.8823



38.9429, 2.1665, 12.0021

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.9315, 33.9209, 33.8259



60.4725, 38.4980, 37.9369



85.6832, -23.0138, 52.3945



39.4369, -1.2598, 4.8781



40.8793, 24.8238, 25.6242



11.9192, 4.9548, 7.4313

Inverse Universe

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



42.3966, 11.7526, -78.3617



47.4628, 13.6072, -88.6984



23.9026, 64.8329, -169.8306



38.8224, -2.7637, -0.7820



32.2807, 8.0901, -57.8123



9.7766, 0.3445, -12.9635

Previews

White Background



This preview shows how the HunterLab color 53.9300, 33.9249, 33.8253 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 53.9300, 33.9249, 33.8253 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 53.9300, 33.9249, 33.8253 Background



This preview shows how black text looks on a background with the HunterLab color 53.9300, 33.9249, 33.8253.



This preview shows how white text looks on a background with the HunterLab color 53.9300, 33.9249,

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

53.9300, 33.9249, 33.8253

Protanopia

54.1639, -7.6457, 32.5173

Deuteranopia

54.0326, 3.3200, 33.3528



Tritanopia

53.9017, 44.4248, 16.4807

Trichromacy



Original Color

53.9300, 33.9249, 33.8253

Protanomaly

53.3443, 6.5747, 32.5624

Deuteranomaly

53.6555, 14.1347, 33.3097

Tritanomaly

53.6551, 39.3661, 26.7859

Monochromacy



Original Color

53.9300, 33.9249, 33.8253

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

49.6714, 6.5702, 19.9594

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.9300, 33.9249, 33.8253 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(230, 115, 0)` looks like.

```
.text, #text, p{  
    color:rgb(230, 115, 0)  
}
```

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(230, 115, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 115, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 53.9300, 33.9249, 33.8253 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(230, 115, 0) }
```


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

```
.border{ border-color:rgb(230, 115, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 115, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 115, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 115, 0);  
box-shadow:4px 4px 4px 4px rgb(230, 115,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.9300, 33.9249, 33.8253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 115, 0) }
```

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

```
.background{ background-color: rgb(230,  
115, 0) }
```

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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