

Converting Colors

HunterLab(53.7132, 15.8796,
29.6903)

Have a look what the booklet for
HunterLab(53.7132, 15.8796,
29.6903) contains.

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Color

**HunterLab(53.6459, 15.8642,
29.6116)**

Conversions

Conversions Part 1

Format	Color
Hex	CA8235
RGB	202, 130, 53
RGB Percent	79%, 51%, 21%
CMY	0.2078, 0.4902, 0.7921
CMYK	0.00, 0.36, 0.74, 0.21
HSL	31°, 58%, 50%
HSV	31°, 74%, 79%
XYZ	32.9823, 28.7788, 7.1846
YIQ	142.7500, 67.6290, -8.6830

Conversions

Conversions Part 2

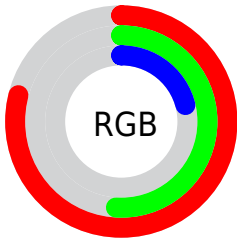
Format	Color
RYB	192, 202, 53
Decimal	13271605
CIELab	60.59, 21.24, 51.23
CIElCh	61, 55.457, 67.476
Yxy	28.7803, 0.4784, 0.4174
Android (android.graphics.Color)	4291461685 (0xFFCA8235)
YUV	142.7500, -44.2467, 51.9622
Hunter-Lab	53.6459, 15.8642, 29.6116

Details

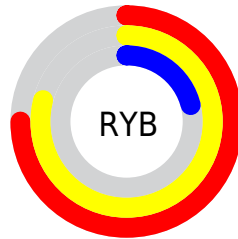
The HunterLab color **53.6459, 15.8642, 29.6116** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **44.3704, 0.6464, -47.3132**, and the grayscale version is **52.4631, -2.7993, 2.8504**.

A 20% lighter version of the original color is **74.9176, 13.4528, 36.0346**, and **34.0249, 14.9326, 21.2274** is the 20% darker color. If you saturate the color by 10%, you get **51.1441, 19.9999, 30.2137**, and if you desaturate by 10%, it is **56.3277, 12.0555, 28.2480**.

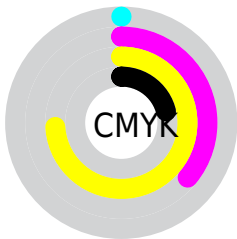
Distribution



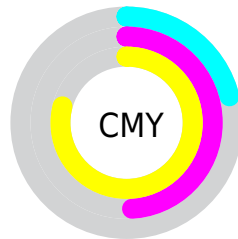
- Red (79%)
- Green (51%)
- Blue (21%)



- Red (75%)
- Yellow (79%)
- Blue (21%)



- Cyan (0%)
- Magenta (36%)
- Yellow (74%)
- Black (21%)



- Cyan (21%)
- Magenta (49%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.6459, 15.8642, 29.6116 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 53.6459, 15.8642, 29.6116 by changing the saturation by 10% instead.

■ 53.6459, 15.8642,
29.6116

■ 53.6459, 15.8642,
29.6116

172.0979, 17.4974,
58.8412

■ 43.4910, 15.3040,
25.6750

■ 75.9788, 16.6988,
36.9040

■ 34.0715, 14.6378,
21.4935

■ 88.0787, 16.9982,
40.3213

■ 25.4515, 13.8461,
17.5701

■ 100.7603, 17.2275,
43.6183

■ 17.7136, 12.9083,
12.3995

■ 113.9982, 17.3927,
46.8136

■ 10.9729, 11.8047,
7.6811

■ 127.7698, 17.4984,
49.9223

■ 2.5497, 36.1694,
1.7848

■ 142.0552, 17.5488,

0.0000, NaN, NaN

52.9565

0.0000, NaN, NaN

156.8367, 17.5475,
55.9267

0.0000, NaN, NaN

■ 53.6459, 15.8642,
29.6116

■ 53.6459, 15.8642,
29.6116

■ 51.1441, 19.9999,
30.2137

■ 56.3277, 12.0555,
28.2480

■ 48.8276, 24.4261,
30.0687

■ 59.1741, 8.6041,
26.1435

■ 47.4731, 27.2682,
29.7301

■ 62.1750, 5.5114,
23.3406

■ 65.3189, 2.7707,
19.8910

■ 68.5950, 0.3676,
15.8489

■ 71.9930, -1.7163,
11.2681

■ 75.5036, -3.5018,
6.1989

■ 79.1184, -5.0105,
0.6878

■ 82.8297, -6.2635,
-5.2232

Harmonies

Analogous

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



53.6473, 38.6065, 23.2629



53.6459, 15.8642, 29.6116



53.6473, -8.7041, 30.6694

Triad

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



53.6473, 15.8612, 29.6122



53.6473, -41.1909, -3.0731



53.6473, 27.9931, -44.5330

Complementary

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



53.6459, 15.8642, 29.6116



44.3704, 0.6464, -47.3132

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.



53.6473, 3.2343, -60.8600



53.6459, 15.8642, 29.6116



53.6473, -34.6308, -30.9904

Square

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



53.6473, 15.8612, 29.6122



53.6473, -39.0016, 17.0905



53.6473, -19.3304, -55.0449



53.6473, 46.4209, -16.6285

Rectangle

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



53.6459, 15.8642, 29.6116



53.6473, -22.4309, 29.0002



53.6473, -19.3304, -55.0449



53.6473, 19.9808, -52.0093

Sweetspot

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



53.6473, 15.8612, 29.6122



89.8927, 0.0571, 19.7945



40.7234, 57.3069, -2.1594



41.0358, 0.3967, 9.8735

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.6473, 15.8612, 29.6122



64.5749, 29.7051, 39.2992



73.9666, -19.7512, 42.5321



34.8663, -1.2001, 4.3234



38.3167, 21.3388, 23.9841



9.5342, 3.0607, 5.9285

Inverse Universe

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



44.3704, 0.6464, -47.3132



50.5581, 8.8866, -79.6381



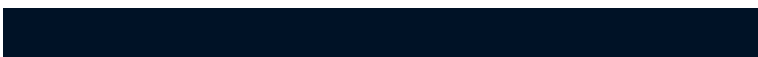
27.6344, 39.0735, -102.1718



34.2398, -2.3572, -0.7099



29.1449, 8.6199, -55.0365



7.6809, -0.0068, -9.5858

Previews

White Background



This preview shows how the HunterLab color 53.6459, 15.8642, 29.6116 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 53.6459, 15.8642, 29.6116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

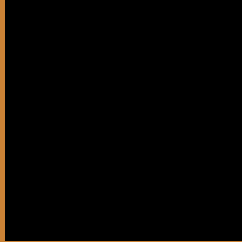
Any Text WCAG AA ✓ Pass

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 53.6459, 15.8642, 29.6116 Background



This preview shows how black text looks on a background with the HunterLab color 53.6459, 15.8642, 29.6116.



This preview shows how white text looks on a background with the HunterLab color 53.6459, 15.8642,

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

53.6459, 15.8642, 29.6116

Protanopia

53.8140, -6.9322, 28.6282

Deuteranopia

53.6310, 3.7874, 29.7774



Tritanopia

53.6872, 28.3620, 9.8647

Trichromacy



Original Color

53.6459, 15.8642, 29.6116

Protanomaly

53.5559, 0.8338, 28.8736

Deuteranomaly

53.6605, 8.0069, 29.7450

Tritanomaly

53.5029, 23.0012, 19.1510

Monochromacy



Original Color

53.6459, 15.8642, 29.6116

Achromatopsia

52.4097, -2.7964, 2.8475

Achromatomaly

52.1491, 1.8852, 15.3952

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.6459, 15.8642, 29.6116 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(202, 130, 53)` looks like.

```
.text, #text, p{  
    color:rgb(202, 130, 53)  
}
```

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(202, 130, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 130, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 53.6459, 15.8642, 29.6116 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(202, 130, 53) }
```


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

```
.border{ border-color:rgb(202, 130, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 130, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 130, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 130, 53);  
box-shadow:4px 4px 4px 4px rgb(202, 130,  
53) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.6459, 15.8642, 29.6116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 130, 53) }
```

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

```
.background{ background-color: rgb(202,  
130, 53) }
```

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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