

Converting Colors

HunterLab(53.8299, 15.1311,
33.4346)

Have a look what the booklet for
HunterLab(53.8299, 15.1311,
33.4346) contains.

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Color

**HunterLab(53.9166, 14.9582,
33.4850)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8300
RGB	204, 131, 0
RGB Percent	80%, 51%, 0%
CMY	0.2000, 0.4863, 1.0000
CMYK	0.00, 0.36, 1.00, 0.20
HSL	39°, 100%, 40%
HSV	39°, 100%, 80%
XYZ	33.0182, 29.0700, 3.8708
YIQ	137.8930, 85.5590, -25.2650

Conversions

Conversions Part 2

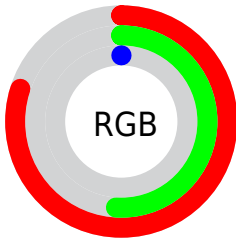
Format	Color
R_{YB}	114, 204, 0
Decimal	13402880
CIE _{Lab}	60.84, 20.26, 66.73
CIE _{LCh}	61, 69.734, 73.109
Yxy	29.0715, 0.5006, 0.4407
Android (android.graphics.Color)	4291592960 (0xFFCC8300)
YUV	137.8930, -67.9812, 57.9758
Hunter-Lab	53.9166, 14.9582, 33.4850

Details

The HunterLab color **53.9166, 14.9582, 33.4850** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **30.2081, 25.6191, -93.0605**, and the grayscale version is **50.6103, -2.7004, 2.7498**.

A 20% lighter version of the original color is **74.8219, 10.9753, 41.7055**, and **34.3717, 14.8606, 21.4399** is the 20% darker color. If you saturate the color by 10%, you get **53.9170, 14.9568, 33.4853**, and if you desaturate by 10%, it is **55.8158, 11.5795, 33.8726**.

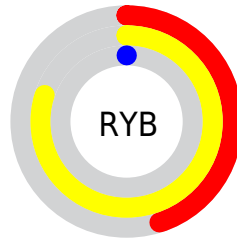
Distribution



Red (80%)

Green (51%)

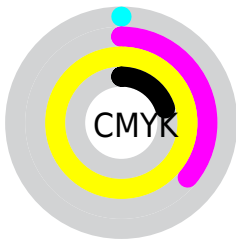
Blue (0%)



Red (45%)

Yellow (80%)

Blue (0%)

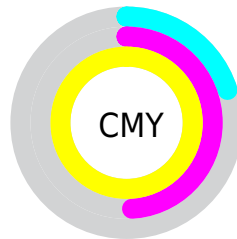


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.9166, 14.9582, 33.4850 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 53.9166, 14.9582, 33.4850 by changing the saturation by 10% instead.

■ 53.9166, 14.9582,
33.4850

■ 53.9166, 14.9582,
33.4850

172.4970, 16.2259,
70.2956

■ 43.7435, 14.4472,
28.5127

■ 76.2828, 15.7006,
42.7404

■ 34.3042, 13.8328,
23.5663

■ 88.3980, 15.9567,
47.0736

■ 25.6628, 13.0954,
17.9639

■ 101.0942, 16.1445,
51.2438

■ 17.9009, 12.2139,
12.5306

■ 114.3461, 16.2695,
55.2723

■ 11.1327, 11.1661,
7.7929

■ 128.1312, 16.3364,
59.1775

■ 3.0580, 28.7084,
2.1406

■ 142.4296, 16.3493,

0.0000, NaN, NaN

62.9746

0.0000, NaN, NaN

157.2236, 16.3114,
66.6769

0.0000, NaN, NaN

53.9166, 14.9582,
33.4850

53.9166, 14.9582,
33.4850

53.9170, 14.9568,
33.4853

55.8158, 11.5795,
33.8726

57.8207, 8.4585,
33.6436

59.9399, 5.6639,
32.6374

62.1717, 3.2181,
30.8276

64.5131, 1.1300,
28.2174

■ 66.9600, -0.6008,
24.8284

■ 69.5077, -1.9811,
20.6934

■ 72.1514, -3.0222,
15.8516

■ 74.8863, -3.7386,
10.3456

Harmonies

Analogous

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



53.9180, 46.1152, 28.6045



53.9166, 14.9582, 33.4850



53.9180, -15.3679, 33.7127

Triad

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



53.9180, 14.9551, 33.4855



53.9180, -48.4009, -11.0776



53.9180, 42.5567, -54.5821

Complementary

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



53.9166, 14.9582, 33.4850



30.2081, 25.6191, -93.0605

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.



53.9180, 10.8596, -82.7217



53.9166, 14.9582, 33.4850



53.9180, -38.9087, -49.7540

Square

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



53.9180, 14.9551, 33.4855



53.9180, -47.7744, 16.5864



53.9180, -18.6609, -80.5864



53.9180, 64.2884, -15.6007

Rectangle

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



53.9166, 14.9582, 33.4850



53.9180, -30.9488, 31.6583



53.9180, -18.6609, -80.5864



53.9180, 32.4477, -66.3812

Sweetspot

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



53.9180, 14.9551, 33.4855



89.3173, -2.4875, 26.8588



36.5279, 63.9369, 12.8793



40.6682, -0.8215, 13.5233

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.9180, 14.9551, 33.4855



69.0816, 19.8557, 42.9154



72.4632, -29.0689, 44.1424



35.2066, -1.7692, 4.6888



42.9871, 11.4457, 26.6888



10.4573, 1.2772, 6.4661

Inverse Universe

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



30.2081, 25.6191, -93.0605



38.3985, 34.1994, -121.8215



21.4376, 57.0454, -143.7861



33.8970, -1.7901, -1.1313



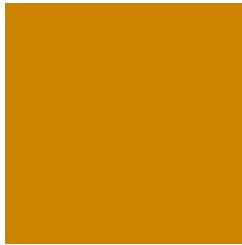
24.2980, 19.4809, -72.4241



6.6879, 1.8216, -12.2915

Previews

White Background



This preview shows how the HunterLab color 53.9166, 14.9582, 33.4850 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 53.9166, 14.9582, 33.4850 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 53.9166, 14.9582, 33.4850 Background



This preview shows how black text looks on a background with the HunterLab color 53.9166, 14.9582, 33.4850.



This preview shows how white text looks on a background with the HunterLab color 53.9166, 14.9582,

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

53.9166, 14.9582, 33.4850

Protanopia

54.1466, -7.7423, 32.7744

Deuteranopia

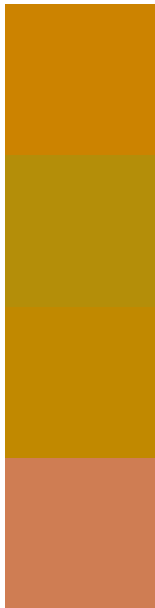
54.0326, 3.3200, 33.3528



Tritanopia

53.9565, 29.1406, 10.1627

Trichromacy



Original Color

53.9166, 14.9582, 33.4850

Protanomaly

53.9157, 0.1512, 32.9410

Deuteranomaly

54.0636, 7.5354, 33.4457

Tritanomaly

53.4389, 22.1455, 24.2368

Monochromacy



Original Color

53.9166, 14.9582, 33.4850

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

50.7089, 0.4083, 20.4589

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.9166, 14.9582, 33.4850 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(204, 131, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 131, 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(204, 131, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 131, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 53.9166, 14.9582, 33.4850 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(204, 131, 0) }
```


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

```
.border{ border-color:rgb(204, 131, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 131, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 131, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 131, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 131,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.9166, 14.9582, 33.4850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 131, 0) }
```

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

```
.background{ background-color: rgb(204,  
131, 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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