

Converting Colors

HunterLab(55.9419, 12.6645,
36.5269)

Have a look what the booklet for
HunterLab(55.9419, 12.6645,
36.5269) contains.

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Color

**HunterLab(56.2022, 13.1278,
34.8613)**

Conversions

Conversions Part 1

Format	Color
Hex	D08A00
RGB	208, 138, 0
RGB Percent	82%, 54%, 0%
CMY	0.1843, 0.4588, 1.0000
CMYK	0.00, 0.34, 1.00, 0.18
HSL	40°, 100%, 41%
HSV	40°, 100%, 82%
XYZ	35.1009, 31.5869, 4.2469
YIQ	143.1980, 86.0180, -28.0780

Conversions

Conversions Part 2

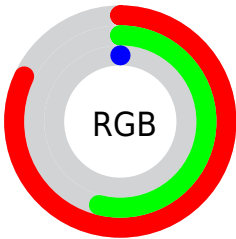
Format	Color
RYB	106, 208, 0
Decimal	13666816
CIELab	63.00, 18.21, 68.38
CIElCh	63, 70.761, 75.091
Yxy	31.5885, 0.4948, 0.4453
Android (android.graphics.Color)	4291856896 (0xFFD08A00)
YUV	143.1980, -70.5966, 56.8314
Hunter-Lab	56.2022, 13.1278, 34.8613

Details

The HunterLab color **56.2022, 13.1278, 34.8613** 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 **29.8917, 28.7577, -99.4403**, and the grayscale version is **52.7402, -2.8141, 2.8655**.

A 20% lighter version of the original color is **76.8046, 7.4549, 42.7244**, and **36.4353, 13.1659, 22.6818** is the 20% darker color. If you saturate the color by 10%, you get **56.2025, 13.1266, 34.8615**, and if you desaturate by 10%, it is **58.0653, 9.8907, 35.2376**.

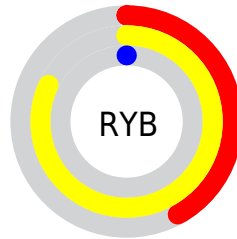
Distribution



Red (82%)

Green (54%)

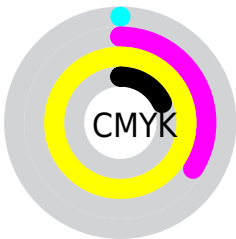
Blue (0%)



Red (42%)

Yellow (82%)

Blue (0%)

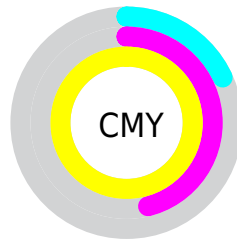


Cyan (0%)

Magenta (34%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.2022, 13.1278, 34.8613 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 56.2022, 13.1278, 34.8613 by changing the saturation by 10% instead.

■ 56.2022, 13.1278,
34.8613

■ 56.2022, 13.1278,
34.8613

175.8523, 13.5408,
72.2068

■ 45.8774, 12.7360,
29.8370

■ 78.8451, 13.6507,
44.2302

■ 36.2748, 12.2486,
24.7341

■ 91.0879, 13.8050,
48.6230

■ 27.4552, 11.6469,
19.2186

■ 103.9060, 13.8954,
52.8538

■ 19.4954, 10.9106,
13.6468

■ 117.2747, 13.9269,
56.9433

■ 12.5008, 10.0140,
8.7506

■ 131.1721, 13.9038,
60.9092

■ 5.7642, 13.4549,
4.0350

■ 145.5788, 13.8297,

0.0000, NaN, NaN

64.7668

0.0000, NaN, NaN

160.4775, 13.7078,
68.5290

0.0000, NaN, NaN

56.2022, 13.1278,
34.8613

56.2022, 13.1278,
34.8613

56.2025, 13.1266,
34.8615

58.0653, 9.8907,
35.2376

60.0270, 6.9180,
34.9816

62.0969, 4.2773,
33.9304

64.2743, 1.9914,
32.0517

66.5571, 0.0701,
29.3438

■ 68.9420, -1.4861,
25.8240

■ 71.4251, -2.6830,
21.5221

■ 74.0023, -3.5312,
16.4750

■ 76.6693, -4.0443,
10.7237

Harmonies

Analogous

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



56.2036, 45.4229, 30.1803



56.2022, 13.1278, 34.8613



56.2036, -17.6562, 34.8503

Triad

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



56.2036, 13.1246, 34.8618



56.2036, -49.6512, -13.7441



56.2036, 45.5984, -53.2946

Complementary

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



56.2022, 13.1278, 34.8613



29.8917, 28.7577, -99.4403

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.



56.2036, 13.3270, -83.5032



56.2022, 13.1278, 34.8613



56.2036, -39.1132, -53.5319

Square

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



56.2036, 13.1246, 34.8618



56.2036, -49.6824, 15.7503



56.2036, -17.4930, -83.6080



56.2036, 66.7487, -13.5210

Rectangle

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



56.2022, 13.1278, 34.8613



56.2036, -33.2554, 32.4477



56.2036, -17.4930, -83.6080



56.2036, 35.4163, -65.6659

Sweetspot

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



56.2036, 13.1246, 34.8618



89.8191, -3.3318, 27.3104



37.2674, 65.1035, 14.1285



40.9314, -1.2661, 13.7518

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.2036, 13.1246, 34.8618



70.5018, 17.0447, 43.7413



73.7802, -30.7883, 44.9237



36.1931, -1.9146, 4.8844



44.5778, 9.9596, 27.6430



11.1999, 1.1195, 6.9209

Inverse Universe

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



29.8917, 28.7577, -99.4403



37.2102, 37.3619, -127.1632



22.0202, 58.3876, -146.0830



34.7255, -1.7373, -1.2448



23.9351, 21.8105, -76.9995



6.8233, 2.4525, -13.8227

Previews

White Background



This preview shows how the HunterLab color 56.2022, 13.1278, 34.8613 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 56.2022, 13.1278, 34.8613 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 56.2022, 13.1278, 34.8613 Background



This preview shows how black text looks on a background with the HunterLab color 56.2022, 13.1278, 34.8613.



This preview shows how white text looks on a background with the HunterLab color 56.2022, 13.1278,

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

56.2022, 13.1278, 34.8613

Protanopia

56.2004, -7.8824, 34.0541

Deuteranopia

56.2034, 3.6487, 34.6962



Tritanopia

56.1867, 28.8708, 9.7546

Trichromacy



Original Color

56.2022, 13.1278, 34.8613

Protanomaly

56.1372, -0.7921, 34.3046

Deuteranomaly

55.9927, 7.0921, 34.6266

Tritanomaly

55.8607, 20.9998, 24.9894

Monochromacy



Original Color

56.2022, 13.1278, 34.8613

Achromatopsia

52.4097, -2.7964, 2.8475

Achromatomaly

52.9345, -0.4100, 21.5249

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.2022, 13.1278, 34.8613 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(208, 138, 0)` looks like.

```
.text, #text, p{  
    color:rgb(208, 138, 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(208, 138, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 138, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 56.2022, 13.1278, 34.8613 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(208, 138, 0) }
```


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

```
.border{ border-color:rgb(208, 138, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 138, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 138, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 138, 0);  
box-shadow:4px 4px 4px 4px rgb(208, 138,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.2022, 13.1278, 34.8613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 138, 0) }
```

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

```
.background{ background-color: rgb(208,  
138, 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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