

Converting Colors

HunterLab(63.1278, -2.2025,
38.3673)

Have a look what the booklet for
HunterLab(63.1278, -2.2025,
38.3673) contains.

HunterLab(63.2530, -2.4239, 38.4367)	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(63.2530, -2.4239,
38.4367)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA611
RGB	203, 166, 17
RGB Percent	80%, 65%, 7%
CMY	0.2039, 0.3490, 0.9333
CMYK	0.00, 0.18, 0.92, 0.20
HSL	48°, 85%, 43%
HSV	48°, 92%, 80%
XYZ	38.3660, 40.0094, 6.2308
YIQ	160.0770, 69.8810, -38.4950

Conversions

Conversions Part 2

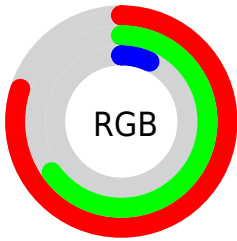
Format	Color
RYB	63, 203, 17
Decimal	13346321
CIELab	69.48, 1.09, 70.30
CIElCh	69, 70.309, 89.115
Yxy	40.0114, 0.4535, 0.4729
Android (android.graphics.Color)	4291536401 (0xFFCBA611)
YUV	160.0770, -70.5370, 37.6435
Hunter-Lab	63.2530, -2.4239, 38.4367

Details

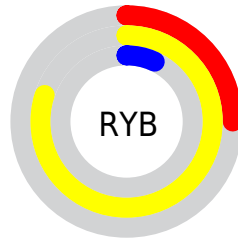
The HunterLab color **63.2530, -2.4239, 38.4367** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **26.5890, 36.2450, -108.9678**, and the grayscale version is **59.5823, -3.1792, 3.2372**.

A 20% lighter version of the original color is **85.7889, -7.2753, 47.0796**, and **42.6506, -0.8443, 26.2663** is the 20% darker color. If you saturate the color by 10%, you get **62.2550, -0.9699, 38.3442**, and if you desaturate by 10%, it is **64.4962, -3.9630, 38.0403**.

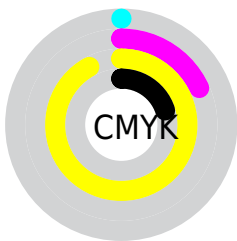
Distribution



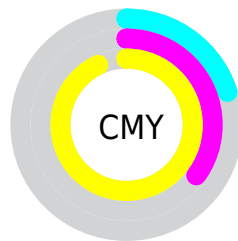
- Red (80%)
- Green (65%)
- Blue (7%)



- Red (25%)
- Yellow (80%)
- Blue (7%)



- Cyan (0%)
- Magenta (18%)
- Yellow (92%)
- Black (20%)



- Cyan (20%)
- Magenta (35%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.2530, -2.4239, 38.4367 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 63.2530, -2.4239, 38.4367 by changing the saturation by 10% instead.

■ 63.2530, -2.4239,
38.4367

■ 63.2530, -2.4239,
38.4367

■ 186.0568, -8.5758,
75.9080

■ 52.4856, -1.9086,
33.4467

■ 86.7069, -3.5744,
47.7741

■ 42.4085, -1.4313,
28.2158

■ 99.3253, -4.1996,
52.1688

■ 33.0742, -0.9985,
23.1520

■ 112.5026, -4.8568,
56.4108

■ 24.5476, -0.6151,
17.1833

■ 126.2160, -5.5444,
60.5192

■ 16.9139, -0.2877,
11.8398

■ 140.4453, -6.2612,
64.5101

■ 10.2932, -0.0265,
7.2053

■ 155.1725, -7.0060,

0.0000, NaN, NaN

68.3975

0.0000, NaN, NaN

170.3813, -7.7778,
72.1934

0.0000, NaN, NaN

■ 63.2530, -2.4239,
38.4367

■ 63.2530, -2.4239,
38.4367

■ 62.2550, -0.9699,
38.3442

■ 64.4962, -3.9630,
38.0403

■ 65.8038, -5.2038,
36.8968

■ 67.1813, -6.1215,
34.9434

■ 68.6311, -6.6991,
32.1453

■ 70.1543, -6.9273,
28.4875

■ 71.7512, -6.8027,
23.9698

■ 73.4215, -6.3266,
18.6031

■ 75.1641, -5.5041,
12.4068

■ 76.9780, -4.3428,
5.4067

Harmonies

Analogous

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



63.2545, 31.3490, 35.8671



63.2530, -2.4239, 38.4367



63.2545, -30.5823, 36.1780

Triad

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



63.2545, -2.4267, 38.4372



63.2545, -48.6024, -32.1056



63.2545, 58.4542, -34.5041

Complementary

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



63.2530, -2.4239, 38.4367



26.5890, 36.2450, -108.9678

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.



63.2545, 29.3767, -71.8549



63.2530, -2.4239, 38.4367



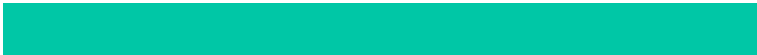
63.2545, -31.9274, -70.0522

Square

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



63.2545, -2.4267, 38.4372



63.2545, -53.8334, 4.3392



63.2545, -4.3247, -87.3028



63.2545, 70.5195, 2.5337

Rectangle

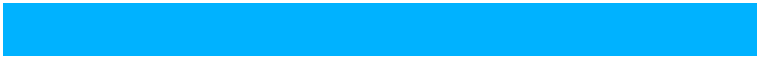
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.2530, -2.4239, 38.4367



63.2545, -43.4483, 30.9953



63.2545, -4.3247, -87.3028



63.2545, 50.0939, -48.0004

Sweetspot

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



63.2545, -2.4267, 38.4372



93.7567, -8.5957, 28.1922



36.5594, 60.5225, 17.8857



43.0339, -4.0575, 14.1117

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.2545, -2.4267, 38.4372



80.3610, -0.9178, 49.5020



69.9813, -36.9531, 42.0256



35.6410, -2.4881, 5.1508



49.7950, -0.9965, 30.6660



11.7397, -0.9415, 7.2175

Inverse Universe

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



26.5890, 36.2450, -108.9678



30.9245, 56.8315, -161.3359



24.7425, 55.6308, -119.1682



33.4654, -1.0683, -1.6682



19.5703, 33.2746, -96.2914



5.5382, 4.3761, -16.3691

Previews

White Background



This preview shows how the HunterLab color 63.2530, -2.4239, 38.4367 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 63.2530, -2.4239, 38.4367 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 63.2530, -2.4239, 38.4367 Background



This preview shows how black text looks on a background with the HunterLab color 63.2530, -2.4239, 38.4367.



This preview shows how white text looks on a background with the HunterLab color 63.2530, -2.4239,

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

63.2530, -2.4239, 38.4367

Protanopia

63.2479, -8.4330, 38.2479

Deuteranopia

63.2445, 4.8248, 38.2955



Tritanopia

63.1359, 18.4055, 5.3475

Trichromacy



Original Color

63.2530, -2.4239, 38.4367

Protanomaly

63.3683, -6.4954, 38.3981

Deuteranomaly

63.3225, 2.2138, 38.3935

Tritanomaly

62.5930, 8.6560, 24.2008

Monochromacy



Original Color

63.2530, -2.4239, 38.4367

Achromatopsia

59.2902, -3.1636, 3.2213

Achromatomaly

60.1278, -5.6790, 22.9613

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.2530, -2.4239, 38.4367 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(203, 166, 17)` looks like.

```
.text, #text, p{  
    color:rgb(203, 166, 17)  
}
```

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(203, 166, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 166, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 63.2530, -2.4239, 38.4367 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(203, 166, 17) }
```


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

```
.border{ border-color:rgb(203, 166, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 166, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 166, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 166, 17);  
box-shadow:4px 4px 4px 4px rgb(203, 166,  
17) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.2530, -2.4239, 38.4367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 166, 17) }
```

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

```
.background{ background-color: rgb(203,  
166, 17) }
```

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