

Converting Colors

HunterLab(63.0078, 4.4148,
38.9035)

Have a look what the booklet for
HunterLab(63.0078, 4.4148,
38.9035) contains.

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Color

**HunterLab(63.0760, 4.1618,
38.9400)**

Conversions

Conversions Part 1

Format	Color
Hex	D6A100
RGB	214, 161, 0
RGB Percent	84%, 63%, 0%
CMY	0.1608, 0.3686, 0.9999
CMYK	0.00, 0.25, 1.00, 0.16
HSL	45°, 100%, 42%
HSV	45°, 100%, 84%
XYZ	40.4763, 39.7858, 5.5461
YIQ	158.4930, 83.2690, -38.8350

Conversions

Conversions Part 2

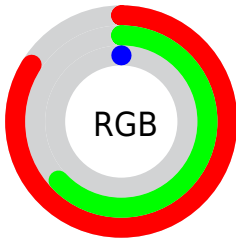
Format	Color
RYB	70, 214, 0
Decimal	14065920
CIELab	69.32, 8.43, 72.96
CIELCh	69, 73.444, 83.411
Yxy	39.7878, 0.4717, 0.4637
Android (android.graphics.Color)	4292256000 (0xFFD6A100)
YUV	158.4930, -78.1370, 48.6796
Hunter-Lab	63.0760, 4.1618, 38.9400

Details

The HunterLab color **63.0760, 4.1618, 38.9400** 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 **27.2066, 40.3774, -121.1672**, and the grayscale version is **58.9611, -3.1460, 3.2035**.

A 20% lighter version of the original color is **83.9027, -4.5451, 46.6594**, and **42.4522, 5.1880, 26.2497** is the 20% darker color. If you saturate the color by 10%, you get **63.0765, 4.1604, 38.9403**, and if you desaturate by 10%, it is **64.6029, 1.7831, 39.1694**.

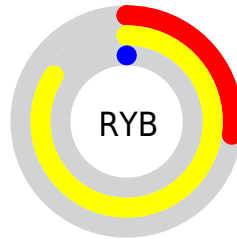
Distribution



Red (84%)

Green (63%)

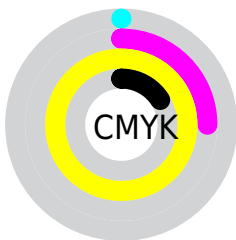
Blue (0%)



Red (27%)

Yellow (84%)

Blue (0%)

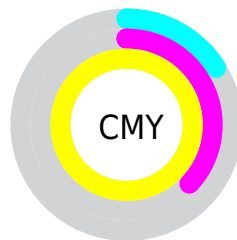


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.0760, 4.1618, 38.9400 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 63.0760, 4.1618, 38.9400 by changing the saturation by 10% instead.

63.0760, 4.1618,
38.9400

63.0760, 4.1618,
38.9400

185.8032, 0.7414,
77.6917

52.3193, 4.2998,
33.7822

86.5103, 3.7070,
48.6019

42.2536, 4.3758,
28.3932

99.1196, 3.4059,
53.1503

32.9317, 4.3776,
23.0522

112.2881, 3.0598,
57.5398

24.4186, 4.2929,
17.0930

125.9932, 2.6714,
61.7897

16.8000, 4.1036,
11.7600

140.2144, 2.2434,
65.9164

10.1967, 3.7811,
7.1377

154.9338, 1.7778,

0.0000, INF, NaN

69.9344

0.0000, NaN, NaN

170.1350, 1.2766,
73.8560

0.0000, NaN, NaN

63.0760, 4.1618,
38.9400

63.0760, 4.1618,
38.9400

63.0765, 4.1604,
38.9403

64.6029, 1.7831,
39.1694

66.1997, -0.3326,
38.7551

67.8788, -2.1188,
37.5248

69.6430, -3.5500,
35.4254

71.4932, -4.6121,
32.4342

■ 73.4294, -5.2993,
28.5488

■ 75.4503, -5.6122,
23.7815

■ 77.5545, -5.5561,
18.1552

■ 79.7398, -5.1398,
11.6997

Harmonies

Analogous

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



63.0776, 39.5804, 35.3975



63.0760, 4.1618, 38.9400



63.0776, -26.8761, 37.6772

Triad

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



63.0776, 4.1587, 38.9405



63.0776, -52.0838, -25.9253



63.0776, 56.8094, -44.8169

Complementary

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



63.0760, 4.1618, 38.9400



27.2066, 40.3774, -121.1672

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.



63.0776, 24.1808, -82.1013



63.0760, 4.1618, 38.9400



63.0776, -37.2189, -67.7959

Square

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



63.0776, 4.1587, 38.9405



63.0776, -55.2623, 10.0394



63.0776, -10.5595, -92.1772



63.0776, 73.7972, -3.9745

Rectangle

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



63.0760, 4.1618, 38.9400



63.0776, -41.6612, 33.6142



63.0776, -10.5595, -92.1772



63.0776, 47.0181, -58.8888

Sweetspot

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



63.0776, 4.1587, 38.9405



91.9331, -6.8390, 29.1950



38.1550, 66.0256, 19.3368



42.0417, -3.1118, 14.7060

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.0776, 4.1587, 38.9405



76.7419, 5.3921, 47.3824



74.5776, -38.0163, 45.2885



37.3828, -2.3896, 5.2921



49.2143, 2.9236, 30.3768



12.6001, -0.1739, 7.7611

Inverse Universe

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



27.2066, 40.3774, -121.1672



32.8508, 50.2926, -149.6278



23.7194, 61.0846, -143.3361



35.3601, -1.3540, -1.6047



21.4770, 30.3628, -92.3891



6.4056, 4.3717, -17.4438

Previews

White Background



This preview shows how the HunterLab color 63.0760, 4.1618, 38.9400 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 63.0760, 4.1618, 38.9400 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 63.0760, 4.1618, 38.9400 Background



This preview shows how black text looks on a background with the HunterLab color 63.0760, 4.1618, 38.9400.



This preview shows how white text looks on a background with the HunterLab color 63.0760, 4.1618,

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

63.0760, 4.1618, 38.9400

Protanopia

63.1287, -8.8898, 38.4173

Deuteranopia

63.2025, 4.6001, 38.9179



Tritanopia

63.1787, 23.5370, 7.6997

Trichromacy



Original Color

63.0760, 4.1618, 38.9400

Protanomaly

63.0849, -4.5301, 38.5774

Deuteranomaly

63.2008, 4.5908, 38.9436

Tritanomaly

62.5544, 13.7082, 26.8714

Monochromacy



Original Color

63.0760, 4.1618, 38.9400

Achromatopsia

58.4734, -3.1200, 3.1770

Achromatomaly

59.3303, -4.2223, 24.1816

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.0760, 4.1618, 38.9400 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(214, 161, 0)` looks like.

```
.text, #text, p{  
    color:rgb(214, 161, 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(214, 161, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 161, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 63.0760, 4.1618, 38.9400 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(214, 161, 0) }
```


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

```
.border{ border-color:rgb(214, 161, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 161, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 161, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 161, 0);  
box-shadow:4px 4px 4px 4px rgb(214, 161,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.0760, 4.1618, 38.9400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 161, 0) }
```

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

```
.background{ background-color: rgb(214,  
161, 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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