

Converting Colors

HunterLab(63.6512, 6.4194,
38.9164)

Have a look what the booklet for
HunterLab(63.6512, 6.4194,
38.9164) contains.

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Color

**HunterLab(63.7058, 6.3211,
38.9453)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA10F
RGB	219, 161, 15
RGB Percent	86%, 63%, 6%
CMY	0.1412, 0.3686, 0.9411
CMYK	0.00, 0.26, 0.93, 0.14
HSL	43°, 87%, 46%
HSV	43°, 93%, 86%
XYZ	42.0445, 40.5843, 6.0695
YIQ	161.6980, 81.4340, -33.1100

Conversions

Conversions Part 2

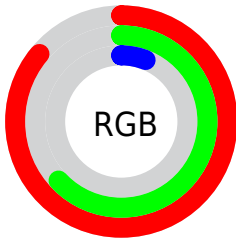
Format	Color
R_{YB}	96, 219, 15
Decimal	14393615
CIE _{Lab}	69.89, 10.78, 71.67
CIE _{LCh}	70, 72.481, 81.446
Yxy	40.5863, 0.4740, 0.4576
Android (android.graphics.Color)	4292583695 (0xFFDBA10F)
YUV	161.6980, -72.3221, 50.2539
Hunter-Lab	63.7058, 6.3211, 38.9453

Details

The HunterLab color **63.7058, 6.3211, 38.9453** 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 **31.5937, 31.5268, -105.7473**, and the grayscale version is **60.2500, -3.2148, 3.2735**.

A 20% lighter version of the original color is **83.9465, -4.3056, 46.0140**, and **43.0381, 7.1105, 26.6444** is the 20% darker color. If you saturate the color by 10%, you get **62.5184, 8.2994, 38.6689**, and if you desaturate by 10%, it is **65.5099, 3.6320, 38.8531**.

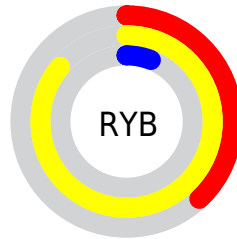
Distribution



Red (86%)

Green (63%)

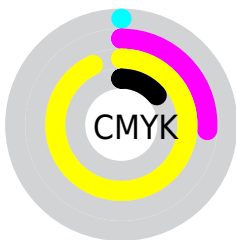
Blue (6%)



Red (38%)

Yellow (86%)

Blue (6%)

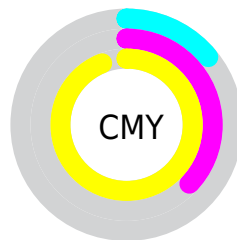


Cyan (0%)

Magenta (26%)

Yellow (93%)

Black (14%)



Cyan (14%)

Magenta (37%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.7058, 6.3211, 38.9453 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 63.7058, 6.3211, 38.9453 by changing the saturation by 10% instead.

63.7058, 6.3211,
38.9453

63.7058, 6.3211,
38.9453

186.7053, 3.7342,
77.0185

52.9112, 6.3459,
33.8797

87.2098, 6.0765,
48.4310

42.8049, 6.3024,
28.5747

99.8515, 5.8741,
52.8970

33.4393, 6.1772,
23.4075

113.0510, 5.6228,
57.2082

24.8783, 5.9564,
17.4148

126.7859, 5.3259,
61.3833

17.2062, 5.6202,
12.0443

141.0358, 4.9863,
65.4389

10.5412, 5.1381,
7.3788

155.7830, 4.6065,

0.0000, INF, NaN

69.3888

0.0000, NaN, NaN

171.0110, 4.1885,
73.2452

0.0000, NaN, NaN

■ 63.7058, 6.3211,
38.9453

■ 63.7058, 6.3211,
38.9453

■ 62.5184, 8.2994,
38.6689

■ 65.5099, 3.6320,
38.8531

■ 67.4069, 1.2797,
37.9414

■ 69.4009, -0.7082,
36.1502

■ 71.4923, -2.3155,
33.4557

■ 73.6799, -3.5362,
29.8583

■ 75.9619, -4.3713,
25.3744

■ 78.3356, -4.8272,
20.0319

■ 80.7980, -4.9146,
13.8656

■ 83.3460, -4.6464,
6.9149

Harmonies

Analogous

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



63.7074, 41.1899, 34.9247



63.7058, 6.3211, 38.9453



63.7074, -24.9929, 37.9590

Triad

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



63.7074, 6.3179, 38.9458



63.7074, -52.3791, -22.8010



63.7074, 54.2348, -46.8224

Complementary

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



63.7058, 6.3211, 38.9453



31.5937, 31.5268, -105.7473

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.



63.7074, 21.5109, -82.2418



63.7058, 6.3211, 38.9453



63.7074, -38.3386, -64.1457

Square

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



63.7074, 6.3179, 38.9458



63.7074, -54.8123, 11.8124



63.7074, -12.5733, -89.8242



63.7074, 72.3170, -6.1849

Rectangle

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



63.7058, 6.3211, 38.9453



63.7074, -40.2146, 34.1589



63.7074, -12.5733, -89.8242



63.7074, 44.3012, -60.4421

Sweetspot

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



63.7074, 6.3179, 38.9458



91.6241, -5.5151, 27.1595



39.9081, 67.4565, 15.5578



41.8265, -2.4221, 13.7977

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.7074, 6.3179, 38.9458



74.1100, 10.1773, 45.8444



77.5796, -34.9314, 46.8470



38.2173, -2.2704, 5.3186



48.3436, 6.0182, 29.8945



12.8762, 0.5056, 7.9431

Inverse Universe

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



31.5937, 31.5268, -105.7473



34.5240, 45.0551, -140.4131



25.0831, 59.8413, -141.9079



36.3553, -1.5674, -1.5209



22.9220, 27.5764, -88.1801



6.9683, 4.0901, -17.5392

Previews

White Background



This preview shows how the HunterLab color 63.7058, 6.3211, 38.9453 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 63.7058, 6.3211, 38.9453 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 63.7058, 6.3211, 38.9453 Background



This preview shows how black text looks on a background with the HunterLab color 63.7058, 6.3211, 38.9453.



This preview shows how white text looks on a background with the HunterLab color 63.7058, 6.3211,

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

63.7058, 6.3211, 38.9453

Protanopia

63.9449, -9.0035, 38.6737

Deuteranopia

63.6150, 4.5926, 38.9248



Tritanopia

63.8097, 25.4547, 8.4350

Trichromacy



Original Color

63.7058, 6.3211, 38.9453

Protanomaly

63.7224, -3.7547, 38.6673

Deuteranomaly

63.7370, 5.0056, 38.9756

Tritanomaly

63.2781, 16.2109, 25.9823

Monochromacy



Original Color

63.7058, 6.3211, 38.9453

Achromatopsia

60.1088, -3.2073, 3.2658

Achromatomaly

60.8375, -3.1607, 23.3325

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.7058, 6.3211, 38.9453 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(219, 161, 15)` looks like.

```
.text, #text, p{  
    color:rgb(219, 161, 15)  
}
```

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(219, 161, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 161, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 63.7058, 6.3211, 38.9453 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(219, 161, 15) }
```


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

```
.border{ border-color:rgb(219, 161, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 161, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 161, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 161, 15);  
box-shadow:4px 4px 4px 4px rgb(219, 161,  
15) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.7058, 6.3211, 38.9453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 161, 15) }
```

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

```
.background{ background-color: rgb(219,  
161, 15) }
```

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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