

Converting Colors

HunterLab(66.5662, -1.7394,
37.6471)

Have a look what the booklet for
HunterLab(66.5662, -1.7394,
37.6471) contains.

HunterLab(66.7493, -1.8180, 37.7755)	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(66.7493, -1.8180,
37.7755)**

Conversions

Conversions Part 1

Format	Color
Hex	D4AE38
RGB	212, 174, 56
RGB Percent	83%, 68%, 22%
CMY	0.1686, 0.3176, 0.7804
CMYK	0.00, 0.18, 0.74, 0.17
HSL	45°, 64%, 53%
HSV	45°, 74%, 83%
XYZ	43.0012, 44.5547, 10.0749
YIQ	171.9100, 60.5260, -28.6420

Conversions

Conversions Part 2

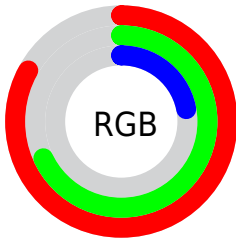
Format	Color
RYB	106, 212, 56
Decimal	13938232
CIELab	72.60, 1.95, 62.29
CIELCh	73, 62.325, 88.206
Yxy	44.5569, 0.4404, 0.4564
Android (android.graphics.Color)	4292128312 (0xFFD4AE38)
YUV	171.9100, -57.1436, 35.1589
Hunter-Lab	66.7493, -1.8180, 37.7755

Details

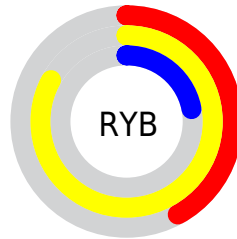
The HunterLab color **66.7493, -1.8180, 37.7755** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **36.8772, 20.2549, -77.0648**, and the grayscale version is **64.4051, -3.4365, 3.4992**.

A 20% lighter version of the original color is **88.5576, -9.7011, 44.5224**, and **45.4878, -0.7427, 28.0163** is the 20% darker color. If you saturate the color by 10%, you get **65.1417, 0.0216, 38.7070**, and if you desaturate by 10%, it is **68.4425, -3.3206, 36.0008**.

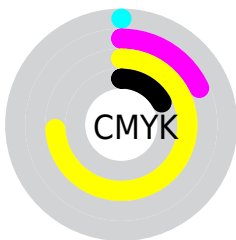
Distribution



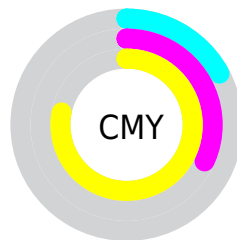
- Red (83%)
- Green (68%)
- Blue (22%)



- Red (42%)
- Yellow (83%)
- Blue (22%)



- Cyan (0%)
- Magenta (18%)
- Yellow (74%)
- Black (17%)



- Cyan (17%)
- Magenta (32%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.7493, -1.8180, 37.7755 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 66.7493, -1.8180, 37.7755 by changing the saturation by 10% instead.

66.7493, -1.8180,
37.7755

66.7493, -1.8180,
37.7755

191.0434, -7.7336,
71.1280

55.7750, -1.3350,
33.3628

90.5842, -2.9088,
46.0326

45.4769, -0.8918,
28.7210

103.3797, -3.5060,
49.9273

35.9046, -0.4954,
23.8457

116.7267, -4.1363,
53.6946

27.1179, -0.1511,
18.9825

130.6032, -4.7980,
57.3514

19.1946, 0.1338,
13.4362

144.9898, -5.4897,
60.9120

12.2417, 0.3478,
8.5692

159.8690, -6.2102,

5.3641, 1.2982,

64.3885

3.7549

175.2250, -6.9585,
67.7909

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.7493, -1.8180,
37.7755

■ 66.7493, -1.8180,
37.7755

■ 65.1417, 0.0216,
38.7070

■ 68.4425, -3.3206,
36.0008

■ 63.6111, 2.1762,
38.8607

■ 70.2180, -4.4598,
33.3484

■ 62.6622, 3.6743,
38.6765

■ 72.0780, -5.2300,
29.8093

■ 74.0215, -5.6293,
25.3902

■ 76.0474, -5.6612,

20.1095

■ 78.1539, -5.3330,
13.9938

■ 80.3386, -4.6551,
7.0756

■ 82.5993, -3.6398,
-0.6089

■ 84.9334, -2.3008,
-9.0214

Harmonies

Analogous

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



66.7509, 28.2313, 34.7147



66.7493, -1.8180, 37.7755



66.7509, -27.8025, 35.4055

Triad

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



66.7509, -1.8209, 37.7761



66.7509, -45.7372, -26.4129



66.7509, 50.4011, -30.5574

Complementary

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



66.7493, -1.8180, 37.7755



36.8772, 20.2549, -77.0648

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.



66.7509, 24.7151, -61.5636



66.7493, -1.8180, 37.7755



66.7509, -30.3381, -58.5407

Square

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



66.7509, -1.8209, 37.7761



66.7509, -50.4363, 5.2633



66.7509, -5.2919, -73.5070



66.7509, 61.3859, 1.9614

Rectangle

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



66.7493, -1.8180, 37.7755



66.7509, -40.0778, 30.0934



66.7509, -5.2919, -73.5070



66.7509, 43.0069, -41.9430

Sweetspot

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



66.7509, -1.8209, 37.7761



94.0685, -6.9481, 23.8252



42.0142, 56.6137, 11.6009



43.1975, -3.2378, 11.9135

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.7509, -1.8209, 37.7761



79.2628, 1.4021, 47.9168



75.0043, -32.5149, 42.6902



37.3947, -2.4092, 5.3047



49.4009, 2.5930, 30.4860



12.6388, -0.2396, 7.7838

Inverse Universe

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



36.8772, 20.2549, -77.0648



37.4729, 38.6067, -125.9229



31.6468, 46.2438, -96.3836



35.3483, -1.3343, -1.6194



21.3613, 30.7263, -93.0291



6.3744, 4.4469, -17.5669

Previews

White Background



This preview shows how the HunterLab color 66.7493, -1.8180, 37.7755 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 66.7493, -1.8180, 37.7755 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 66.7493, -1.8180, 37.7755 Background



This preview shows how black text looks on a background with the HunterLab color 66.7493, -1.8180, 37.7755.



This preview shows how white text looks on a background with the HunterLab color 66.7493, -1.8180,

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

66.7493, -1.8180, 37.7755

Protanopia

66.9440, -8.6877, 37.6702

Deuteranopia

66.6104, 5.0479, 37.5703



Tritanopia

66.8294, 18.3440, 5.5192

Trichromacy



Original Color

66.7493, -1.8180, 37.7755

Protanomaly

66.7661, -6.2574, 37.5939

Deuteranomaly

66.6943, 2.4241, 37.6980

Tritanomaly

66.4897, 9.5440, 21.6717

Monochromacy



Original Color

66.7493, -1.8180, 37.7755

Achromatopsia

64.2295, -3.4271, 3.4897

Achromatomaly

64.8565, -4.8784, 20.5724

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.7493, -1.8180, 37.7755 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(212, 174, 56)` looks like.

```
.text, #text, p{  
    color:rgb(212, 174, 56)  
}
```

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(212, 174, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 174, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 66.7493, -1.8180, 37.7755 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(212, 174, 56) }
```


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

```
.border{ border-color:rgb(212, 174, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 174, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 174, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 174, 56);  
box-shadow:4px 4px 4px 4px rgb(212, 174,  
56) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.7493, -1.8180, 37.7755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 174, 56) }
```

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

```
.background{ background-color: rgb(212,  
174, 56) }
```

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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