

Converting Colors

HunterLab(67.2044, 7.0545,
41.2195)

Have a look what the booklet for
HunterLab(67.2044, 7.0545,
41.2195) contains.

HunterLab(67.2499, 6.7651, 41.2508)	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(67.2499, 6.7651,
41.2508)**

Conversions

Conversions Part 1

Format	Color
Hex	E6A90C
RGB	230, 169, 12
RGB Percent	90%, 66%, 5%
CMY	0.0980, 0.3372, 0.9529
CMYK	0.00, 0.27, 0.95, 0.10
HSL	43°, 90%, 47%
HSV	43°, 95%, 90%
XYZ	46.8875, 45.2255, 6.6060
YIQ	169.3410, 86.7530, -35.8950

Conversions

Conversions Part 2

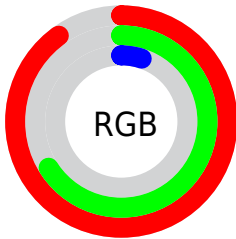
Format	Color
R _Y B	97, 230, 12
Decimal	15116556
CIE Lab	73.04, 11.27, 74.93
CIE LCh	73, 75.772, 81.443
Yxy	45.2278, 0.4749, 0.4581
Android (android.graphics.Color)	4293306636 (0xFFE6A90C)
YUV	169.3410, -77.5691, 53.1979
Hunter-Lab	67.2499, 6.7651, 41.2508

Details

The HunterLab color **67.2499, 6.7651, 41.2508** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **32.4927, 35.5273, -115.9589**, and the grayscale version is **63.4163, -3.3837, 3.4455**.

A 20% lighter version of the original color is **86.7155, -8.7781, 47.6847**, and **45.9974, 7.6865, 28.4779** is the 20% darker color. If you saturate the color by 10%, you get **66.3069, 8.3466, 41.0041**, and if you desaturate by 10%, it is **69.1206, 3.9068, 41.2951**.

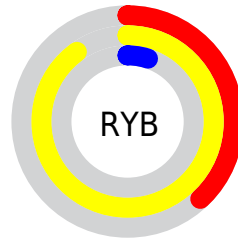
Distribution



Red (90%)

Green (66%)

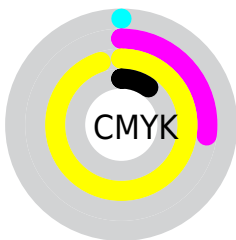
Blue (5%)



Red (38%)

Yellow (90%)

Blue (5%)

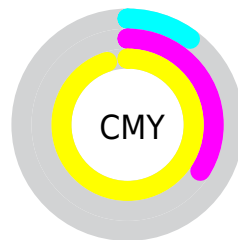


Cyan (0%)

Magenta (27%)

Yellow (95%)

Black (10%)



Cyan (10%)


Magenta (34%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.2499, 6.7651, 41.2508 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 67.2499, 6.7651, 41.2508 by changing the saturation by 10% instead.

 67.2499, 6.7651,
41.2508


 67.2499, 6.7651,
41.2508


191.7538, 4.2263,
80.4700

 56.2467, 6.7867,
36.0598

 91.1384, 6.5288,
50.9959

 45.9176, 6.7416,
30.6342

 103.9588, 6.3314,
55.5928


 36.3120, 6.6167,
25.4184


 117.3296, 6.0854,
60.0342

 27.4891, 6.3994,
19.2424

 131.2291, 5.7942,
64.3383

 19.5256, 6.0715,
13.6679

 145.6379, 5.4604,
68.5211

 12.5269, 5.6063,
8.7688

 160.5385, 5.0864,

 5.8028, 8.1565,

72.5963

4.0620

175.9152, 4.6745,
76.5759

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.2499, 6.7651,
41.2508

■ 67.2499, 6.7651,
41.2508

■ 66.3069, 8.3466,
41.0041

■ 69.1206, 3.9068,
41.2951

■ 71.0874, 1.3974,
40.4877

■ 73.1556, -0.7303,
38.7536

■ 75.3261, -2.4562,
36.0606

■ 77.5981, -3.7720,

32.4039

■ 79.9699, -4.6772,
27.7975

■ 82.4388, -5.1777,
22.2682

■ 85.0020, -5.2835,
15.8513

■ 87.6561, -5.0080,
8.5877

Harmonies

Analogous

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



67.2516, 43.9248, 37.0245



67.2499, 6.7651, 41.2508



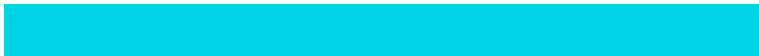
67.2516, -26.5564, 40.2170

Triad

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



67.2516, 6.7617, 41.2514



67.2516, -55.6417, -24.3354



67.2516, 57.8311, -49.9984

Complementary

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



67.2499, 6.7651, 41.2508



32.4927, 35.5273, -115.9589

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.



67.2516, 22.9384, -87.8724



67.2499, 6.7651, 41.2508



67.2516, -40.7424, -68.5075

Square

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



67.2516, 6.7617, 41.2514



67.2516, -58.2203, 12.5408



67.2516, -13.3549, -95.9824



67.2516, 77.1287, -6.6244

Rectangle

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



67.2499, 6.7651, 41.2508



67.2516, -42.7298, 36.2194



67.2516, -13.3549, -95.9824



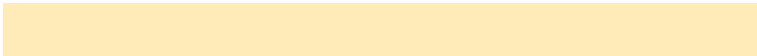
67.2516, 47.2350, -64.5564

Sweetspot

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



67.2516, 6.7617, 41.2514



91.7241, -5.6806, 27.2501



41.9257, 71.3568, 17.9771



41.8797, -2.5102, 13.8441

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.2516, 6.7617, 41.2514



74.4282, 9.5893, 46.0302



81.6448, -38.2931, 49.3858



40.1243, -2.4071, 5.6139



50.1076, 5.8828, 30.9790



14.1781, 0.6000, 8.7470

Inverse Universe

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



32.4927, 35.5273, -115.9589



34.3092, 45.7068, -141.5513



26.2941, 64.1826, -151.4791



38.1319, -1.6187, -1.6340



23.4755, 29.0574, -92.0691



7.4860, 4.9791, -20.1054

Previews

White Background



This preview shows how the HunterLab color 67.2499, 6.7651, 41.2508 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 67.2499, 6.7651, 41.2508 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 67.2499, 6.7651, 41.2508 Background



This preview shows how black text looks on a background with the HunterLab color 67.2499, 6.7651, 41.2508.



This preview shows how white text looks on a background with the HunterLab color 67.2499, 6.7651,

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

67.2499, 6.7651, 41.2508

Protanopia

67.3667, -9.0985, 40.8481

Deuteranopia

67.1566, 5.0151, 41.2412



Tritanopia

67.1980, 27.1159, 8.7630

Trichromacy



Original Color

67.2499, 6.7651, 41.2508

Protanomaly

67.2564, -3.4179, 40.9511

Deuteranomaly

67.2795, 5.4299, 41.2993

Tritanomaly

66.5746, 17.3682, 27.6751

Monochromacy



Original Color

67.2499, 6.7651, 41.2508

Achromatopsia

62.9885, -3.3609, 3.4223

Achromatomaly

63.7355, -3.4369, 24.9533

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.2499, 6.7651, 41.2508 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(230, 169, 12)` looks like.

```
.text, #text, p{  
    color:rgb(230, 169, 12)  
}
```

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(230, 169, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 169, 12) }
```

Border

The CSS property to change the border of an element to HunterLab 67.2499, 6.7651, 41.2508 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(230, 169, 12) }
```


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

```
.border{ border-color:rgb(230, 169, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 169, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 169, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 169, 12);  
box-shadow:4px 4px 4px 4px rgb(230, 169,  
12) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.2499, 6.7651, 41.2508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 169, 12) }
```

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

```
.background{ background-color: rgb(230,  
169, 12) }
```

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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