

Converting Colors

HunterLab(69.7392, 2.5019,
39.1564)

Have a look what the booklet for
HunterLab(69.7392, 2.5019,
39.1564) contains.

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Color

**HunterLab(69.7729, 2.7036,
39.1684)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B23E
RGB	228, 178, 62
RGB Percent	89%, 70%, 24%
CMY	0.1059, 0.3019, 0.7568
CMYK	0.00, 0.22, 0.73, 0.11
HSL	42°, 75%, 57%
HSV	42°, 73%, 89%
XYZ	48.7848, 48.6826, 11.3828
YIQ	179.7260, 67.0360, -25.4760

Conversions

Conversions Part 2

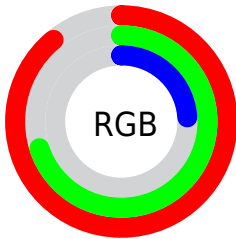
Format	Color
RYB	134, 228, 62
Decimal	14987838
CIELab	75.25, 6.99, 63.12
CIElCh	75, 63.503, 83.677
Yxy	48.6850, 0.4482, 0.4472
Android (android.graphics.Color)	4293177918 (0xFFE4B23E)
YUV	179.7260, -58.0389, 42.3363
Hunter-Lab	69.7729, 2.7036, 39.1684

Details

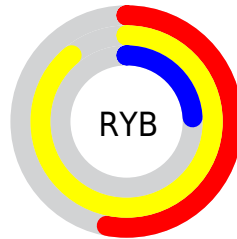
The HunterLab color **69.7729, 2.7036, 39.1684** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **42.6770, 16.4292, -75.3854**, and the grayscale version is **67.6601, -3.6102, 3.6761**.

A 20% lighter version of the original color is **89.8881, -11.2857, 44.2925**, and **48.2147, 3.0305, 29.7627** is the 20% darker color. If you saturate the color by 10%, you get **67.6907, 5.3577, 40.1077**, and if you desaturate by 10%, it is **71.9662, 0.4294, 37.3059**.

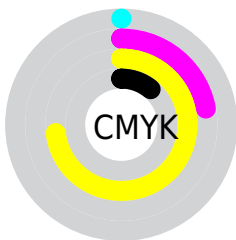
Distribution



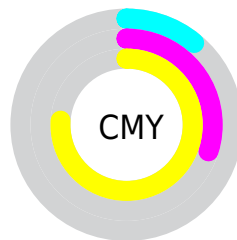
- Red (89%)
- Green (70%)
- Blue (24%)



- Red (53%)
- Yellow (89%)
- Blue (24%)



- Cyan (0%)
- Magenta (22%)
- Yellow (73%)
- Black (11%)



- Cyan (11%)
- Magenta (30%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.7729, 2.7036, 39.1684 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 69.7729, 2.7036, 39.1684 by changing the saturation by 10% instead.

69.7729, 2.7036,
39.1684

69.7729, 2.7036,
39.1684

195.3204, -1.4535,
72.6405

58.6256, 2.9467,
34.7594

93.9273, 2.0573,
47.4338

48.1432, 3.1362,
30.1273

106.8715, 1.6682,
51.3386

38.3729, 3.2619,
25.2473

120.3612, 1.2380,
55.1187

29.3708, 3.3148,
20.5596

134.3750, 0.7693,
58.7905

21.2093, 3.2818,
14.8465

148.8940, 0.2641,
62.3678

13.9859, 3.1434,
9.7901

163.9013, -0.2758,

7.6273, 3.5880,

65.8622

5.3391

179.3815, -0.8488,
69.2836

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.7729, 2.7036,
39.1684

■ 69.7729, 2.7036,
39.1684

■ 67.6907, 5.3577,
40.1077

■ 71.9662, 0.4294,
37.3059

■ 65.7124, 8.3695,
40.1815

■ 74.2652, -1.4393,
34.4983


■ 64.3465, 10.7003,
39.8373


■ 76.6696, -2.9001,
30.7509


■ 79.1769, -3.9557,
26.0857


■ 81.7836, -4.6142,

20.5354

 84.4861, -4.8877,
14.1397

 87.2805, -4.7911,
6.9425

 90.1630, -4.3411,
-1.0106

 92.6931, -5.9458,
-3.5017

Harmonies

Analogous

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



69.7746, 33.5861, 35.0008



69.7729, 2.7036, 39.1684



69.7746, -25.2913, 37.5597

Triad

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



69.7746, 2.7004, 39.1690



69.7746, -48.8546, -21.8471



69.7746, 48.7375, -36.8480

Complementary

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



69.7729, 2.7036, 39.1684



42.6770, 16.4292, -75.3854

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.



69.7746, 20.8234, -66.8910



69.7729, 2.7036, 39.1684



69.7746, -34.5441, -55.9850

Square

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



69.7746, 2.7004, 39.1690



69.7746, -52.0582, 9.5415



69.7746, -9.9293, -75.0667



69.7746, 62.8934, -2.4794

Rectangle

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



69.7729, 2.7036, 39.1684



69.7746, -39.0718, 32.8502



69.7746, -9.9293, -75.0667



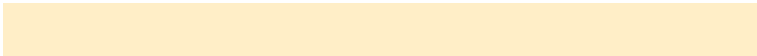
69.7746, 40.4477, -48.2841

Sweetspot

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



69.7746, 2.7004, 39.1690



93.0530, -5.2729, 22.8576



46.0080, 62.2116, 8.7042



42.6710, -2.3692, 11.4235

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.7746, 2.7004, 39.1690



75.7735, 7.6536, 45.6908



82.3294, -31.7949, 46.8919



40.0573, -2.2961, 5.5427



49.1182, 7.7152, 30.4015



13.9424, 1.0179, 8.6090

Inverse Universe

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



42.6770, 16.4292, -75.3854



40.8086, 30.2202, -111.7786



33.6821, 48.0204, -107.6062



38.1985, -1.7301, -1.5510



24.1877, 26.9986, -88.5147



7.6871, 4.5086, -19.3409

Previews

White Background



This preview shows how the HunterLab color 69.7729, 2.7036, 39.1684 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 69.7729, 2.7036, 39.1684 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 69.7729, 2.7036, 39.1684 Background



This preview shows how black text looks on a background with the HunterLab color 69.7729, 2.7036, 39.1684.



This preview shows how white text looks on a background with the HunterLab color 69.7729, 2.7036,

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

69.7729, 2.7036, 39.1684

Protanopia

69.9270, -8.7871, 38.8222

Deuteranopia

69.6888, 5.3486, 39.0347



Tritanopia

69.8033, 22.4467, 7.1809

Trichromacy



Original Color

69.7729, 2.7036, 39.1684

Protanomaly

69.7660, -4.7680, 38.9095

Deuteranomaly

69.8513, 4.4438, 39.1283

Tritanomaly

69.4457, 13.6992, 23.1457

Monochromacy



Original Color

69.7729, 2.7036, 39.1684

Achromatopsia

67.5582, -3.6047, 3.6706

Achromatomaly

67.7618, -3.5692, 20.9841

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.7729, 2.7036, 39.1684 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(228, 178, 62)` looks like.

```
.text, #text, p{  
    color:rgb(228, 178, 62)  
}
```

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(228, 178, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 178, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 69.7729, 2.7036, 39.1684 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(228, 178, 62) }
```


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

```
.border{ border-color:rgb(228, 178, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 178, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 178, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 178, 62);  
box-shadow:4px 4px 4px 4px rgb(228, 178,  
62) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.7729, 2.7036, 39.1684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 178, 62) }
```

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

```
.background{ background-color: rgb(228,  
178, 62) }
```

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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