

Converting Colors

HunterLab(69.9594, -1.8595,
39.7158)

Have a look what the booklet for
HunterLab(69.9594, -1.8595,
39.7158) contains.

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Color

**HunterLab(69.8036, -1.6969,
39.5829)**

Conversions

Conversions Part 1

Format	Color
Hex	DDB53A
RGB	221, 181, 58
RGB Percent	87%, 71%, 23%
CMY	0.1333, 0.2902, 0.7725
CMYK	0.00, 0.18, 0.74, 0.13
HSL	45°, 71%, 55%
HSV	45°, 74%, 87%
XYZ	47.1064, 48.7254, 10.9251
YIQ	178.9380, 63.3230, -29.7730

Conversions

Conversions Part 2

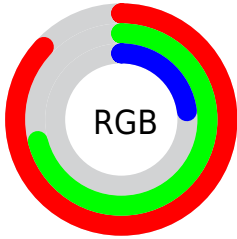
Format	Color
R _Y B	111, 221, 58
Decimal	14529850
CIE Lab	75.28, 2.23, 64.44
CIE LCh	75, 64.482, 88.015
Yxy	48.7278, 0.4412, 0.4564
Android (android.graphics.Color)	4292719930 (0xFFDDB53A)
YUV	178.9380, -59.6224, 36.8884
Hunter-Lab	69.8036, -1.6969, 39.5829

Details

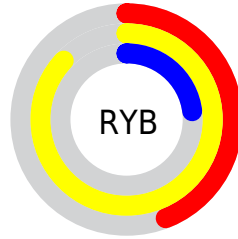
The HunterLab color **69.8036, -1.6969, 39.5829** is a light color, and the websafe version is hex **CC9900**. The color can be described as light muted orange. A complement of this color would be **38.5422, 21.3038, -81.1079**, and the grayscale version is **67.3384, -3.5930, 3.6586**.

A 20% lighter version of the original color is **91.1157, -13.4938, 45.7429**, and **48.3548, -0.6382, 29.7848** is the 20% darker color. If you saturate the color by 10%, you get **68.1076, 0.2687, 40.5260**, and if you desaturate by 10%, it is **71.5901, -3.3081, 37.7534**.

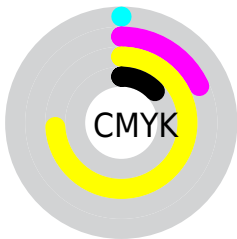
Distribution



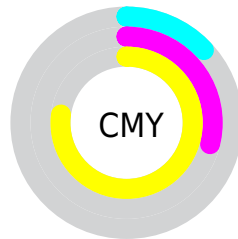
- Red (87%)
- Green (71%)
- Blue (23%)



- Red (44%)
- Yellow (87%)
- Blue (23%)



- Cyan (0%)
- Magenta (18%)
- Yellow (74%)
- Black (13%)



- Cyan (13%)
- Magenta (29%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.8036, -1.6969, 39.5829 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 69.8036, -1.6969, 39.5829 by changing the saturation by 10% instead.

69.8036, -1.6969,
39.5829

69.8036, -1.6969,
39.5829

195.3637, -7.5841,
73.6664

58.6546, -1.2174,
35.0906

93.9612, -2.7812,
48.0050

48.1703, -0.7775,
30.3729

106.9069, -3.3752,
51.9831

38.3980, -0.3842,
25.4074

120.3980, -4.0022,
55.8333

29.3938, -0.0429,
20.5757

134.4131, -4.6606,
59.5724

21.2299, 0.2396,
14.8610

148.9335, -5.3492,
63.2142

14.0039, 0.4524,
9.8027

163.9421, -6.0667,

7.6467, 0.8644,

66.7707

5.3527

179.4235, -6.8119,
70.2519

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.8036, -1.6969,
39.5829

■ 69.8036, -1.6969,
39.5829

■ 68.1076, 0.2687,
40.5260

■ 71.5901, -3.3081,
37.7534

■ 66.4929, 2.5646,
40.6532

■ 73.4638, -4.5367,
35.0007

■ 65.5185, 4.1165,
40.4442

■ 75.4267, -5.3767,
31.3149

■ 77.4781, -5.8261,
26.7031

■ 79.6164, -5.8885,

21.1848

■ 81.8398, -5.5717,
14.7882

■ 84.1459, -4.8867,
7.5479

■ 86.5322, -3.8465,
-0.4979

■ 88.9267, -2.8434,
-8.3313

Harmonies

Analogous

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



69.8053, 29.8696, 36.3455



69.8036, -1.6969, 39.5829



69.8053, -29.0266, 37.1447

Triad

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



69.8053, -1.6999, 39.5835



69.8053, -48.0544, -27.5451



69.8053, 52.8427, -32.3686

Complementary

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



69.8036, -1.6969, 39.5829



38.5422, 21.3038, -81.1079

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.



69.8053, 25.7805, -64.9202



69.8036, -1.6969, 39.5829



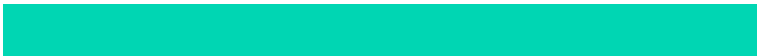
69.8053, -31.9714, -61.3994

Square

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



69.8053, -1.6999, 39.5835



69.8053, -52.9101, 5.6913



69.8053, -5.7339, -77.3181



69.8053, 64.5158, 1.8536

Rectangle

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



69.8036, -1.6969, 39.5829



69.8053, -41.9515, 31.6249



69.8053, -5.7339, -77.3181



69.8053, 45.0399, -44.3358

Sweetspot

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



69.8053, -1.6999, 39.5835



94.0365, -6.8956, 23.7948



43.9258, 59.5566, 12.2597



43.1809, -3.2105, 11.8981

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.8053, -1.6999, 39.5835



78.9530, 1.8823, 47.8560



78.5822, -34.1631, 44.8032



38.3333, -2.4621, 5.4417



50.1231, 2.8071, 30.9347



13.2642, -0.1647, 8.1704

Inverse Universe

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



38.5422, 21.3038, -81.1079



37.1043, 39.3654, -127.6238



32.9935, 48.7494, -101.7437



36.2402, -1.3748, -1.6643



21.7430, 31.1484, -94.4174



6.6474, 4.8513, -18.7812

Previews

White Background



This preview shows how the HunterLab color 69.8036, -1.6969, 39.5829 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 69.8036, -1.6969, 39.5829 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 69.8036, -1.6969, 39.5829 Background



This preview shows how black text looks on a background with the HunterLab color 69.8036, -1.6969, 39.5829.



This preview shows how white text looks on a background with the HunterLab color 69.8036, -1.6969,

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

69.8036, -1.6969, 39.5829

Protanopia

69.8881, -9.0032, 39.3969

Deuteranopia

69.6654, 5.2233, 39.3807



Tritanopia

69.6967, 19.5687, 5.6415

Trichromacy



Original Color

69.8036, -1.6969, 39.5829

Protanomaly

69.8161, -6.1787, 39.3983

Deuteranomaly

69.7499, 2.5799, 39.5076

Tritanomaly

69.2995, 10.4447, 22.6364

Monochromacy



Original Color

69.8036, -1.6969, 39.5829

Achromatopsia

67.1406, -3.5825, 3.6479

Achromatomaly

67.7208, -5.3226, 21.5680

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.8036, -1.6969, 39.5829 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(221, 181, 58)` looks like.

```
.text, #text, p{  
    color:rgb(221, 181, 58)  
}
```

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(221, 181, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 181, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 69.8036, -1.6969, 39.5829 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(221, 181, 58) }
```


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

```
.border{ border-color:rgb(221, 181, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 181, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 181, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 181, 58);  
box-shadow:4px 4px 4px 4px rgb(221, 181,  
58) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.8036, -1.6969, 39.5829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 181, 58) }
```

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

```
.background{ background-color: rgb(221,  
181, 58) }
```

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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