

Converting Colors

HunterLab(73.1630, -8.5207,
37.7758)

Have a look what the booklet for
HunterLab(73.1630, -8.5207,
37.7758) contains.

HunterLab(72.9787, -8.4154, 37.6691)	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(72.9787, -8.4154,
37.6691)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C156
RGB	215, 193, 86
RGB Percent	84%, 76%, 34%
CMY	0.1569, 0.2431, 0.6627
CMYK	0.00, 0.10, 0.60, 0.16
HSL	50°, 62%, 59%
HSV	50°, 60%, 84%
XYZ	48.7740, 53.2589, 16.5134
YIQ	187.3800, 47.4590, -28.6130

Conversions

Conversions Part 2

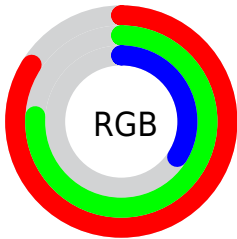
Format	Color
RYB	113, 215, 86
Decimal	14139734
CIELab	78.03, -4.99, 55.46
CIELCh	78, 55.684, 95.145
Yxy	53.2614, 0.4114, 0.4493
Android (android.graphics.Color)	4292329814 (0xFFD7C156)
YUV	187.3800, -49.9803, 24.2227
Hunter-Lab	72.9787, -8.4154, 37.6691

Details

The HunterLab color **72.9787, -8.4154, 37.6691** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **41.9635, 17.8737, -64.6640**, and the grayscale version is **70.8444, -3.7801, 3.8491**.

A 20% lighter version of the original color is **95.3286, -17.4471, 43.2437**, and **51.0182, -6.9092, 29.7282** is the 20% darker color. If you saturate the color by 10%, you get **71.6691, -7.7772, 39.9509**, and if you desaturate by 10%, it is **74.3657, -8.6937, 34.4706**.

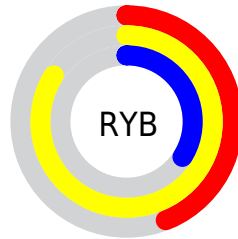
Distribution



Red (84%)

Green (76%)

Blue (34%)



Red (44%)

Yellow (84%)

Blue (34%)

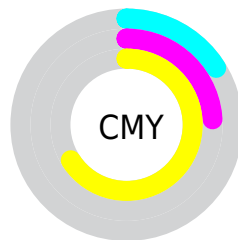


Cyan (0%)

Magenta (10%)

Yellow (60%)

Black (16%)



Cyan (16%)

Magenta (24%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.9787, -8.4154, 37.6691 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 72.9787, -8.4154, 37.6691 by changing the saturation by 10% instead.

■ 72.9787, -8.4154,
37.6691

■ 72.9787, -8.4154,
37.6691

199.8217,
-17.0347, 67.3857

■ 61.6535, -7.5598,
33.7998

■ 97.4623, -10.1941,
44.9435

■ 50.9820, -6.7204,
29.7359

■ 110.5601,
-11.1121, 48.3931

■ 41.0090, -5.8988,
25.4440

■ 124.1971,
-12.0501, 51.7417

■ 31.7874, -5.0929,
20.9331

■ 138.3529,
-13.0080, 55.0032

■ 23.3842, -4.2988,
16.3689

153.0091,
-13.9856, 58.1894

■ 15.8887, -3.5090,
11.1221

168.1490,

■ 9.4280, -2.8114,

-14.9828, 61.3099

6.5996

183.7578,
-15.9992, 64.3730

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.9787, -8.4154,
37.6691

■ 72.9787, -8.4154,
37.6691

■ 71.6691, -7.7772,
39.9509

■ 74.3657, -8.6937,
34.4706

■ 70.4288, -6.7897,
41.3548

■ 75.8268, -8.5930,
30.3334

■ 69.2549, -5.4849,
41.9500

■ 77.3643, -8.1110,
25.2534

■ 68.1355, -3.9329,
41.9158

■ 78.9785, -7.2480,
19.2381

■ 68.1353, -3.9326,

■ 80.6688, -6.0080,

41.9158

12.3047

■ 82.4344, -4.3982,
4.4775

■ 84.2741, -2.4285,
-4.2136

■ 86.0731, -0.7249,
-12.1437

■ 87.2114, -2.6548,
-10.6256

Harmonies

Analogous

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



72.9804, 18.8158, 35.7205



72.9787, -8.4154, 37.6691



72.9804, -31.0134, 33.5642

Triad

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



72.9804, -8.4182, 37.6697



72.9804, -41.1161, -29.8632



72.9804, 48.4219, -19.5211

Complementary

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



72.9787, -8.4154, 37.6691



41.9635, 17.8737, -64.6640

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.



72.9804, 27.8643, -47.9180



72.9787, -8.4154, 37.6691



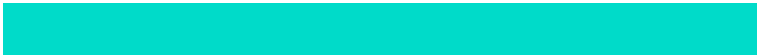
72.9804, -24.1341, -55.2333

Square

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



72.9804, -8.4182, 37.6697



72.9804, -48.0886, -0.5163



72.9804, 0.7350, -62.8064



72.9804, 54.2032, 8.1932

Rectangle

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



72.9787, -8.4154, 37.6691



72.9804, -41.2325, 26.6277



72.9804, 0.7350, -62.8064



72.9804, 42.8796, -29.5753

Sweetspot

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



72.9804, -8.4182, 37.6697



96.1751, -8.5520, 21.8858



47.1395, 46.8112, 11.4369



44.2221, -4.1323, 11.1989

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.9804, -8.4182, 37.6697



86.5265, -9.1512, 49.0260



76.3469, -31.9754, 39.6472



37.6069, -2.7586, 5.5292



52.8242, -3.2556, 32.4930



13.3434, -1.4034, 8.1975

Inverse Universe

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



41.9635, 17.8737, -64.6640



42.6807, 31.9503, -104.5656



40.0787, 38.1954, -69.7413



35.1390, -0.9822, -1.8815



19.5440, 36.8452, -103.9665



5.8090, 5.8964, -19.9894

Previews

White Background



This preview shows how the HunterLab color 72.9787, -8.4154, 37.6691 looks on a white background.

Color Contrast Check

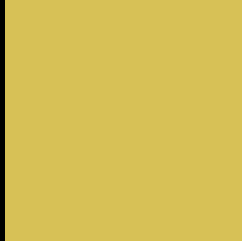
Large Text (above 18pt) WCAG AA × Fail

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 72.9787, -8.4154, 37.6691 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 72.9787, -8.4154, 37.6691 Background



This preview shows how black text looks on a background with the HunterLab color 72.9787, -8.4154, 37.6691.



This preview shows how white text looks on a background with the HunterLab color 72.9787, -8.4154,

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

72.9787, -8.4154, 37.6691

Protanopia

72.8752, -8.7820, 37.5888

Deuteranopia

73.0431, 5.4580, 37.4327



Tritanopia

72.7980, 13.4105, 3.0429

Trichromacy



Original Color

72.9787, -8.4154, 37.6691

Protanomaly

72.8752, -8.7820, 37.5888

Deuteranomaly

72.8479, 0.3363, 37.3802

Tritanomaly

72.4131, 4.1306, 19.3025

Monochromacy



Original Color

72.9787, -8.4154, 37.6691

Achromatopsia

70.4935, -3.7614, 3.8300

Achromatomaly

71.0405, -6.9082, 19.5724

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.9787, -8.4154, 37.6691 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(215, 193, 86)` looks like.

```
.text, #text, p{  
    color:rgb(215, 193, 86)  
}
```

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(215, 193, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 193, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 72.9787, -8.4154, 37.6691 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(215, 193, 86) }
```


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

```
.border{ border-color:rgb(215, 193, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 193, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 193, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 193, 86);  
box-shadow:4px 4px 4px 4px rgb(215, 193,  
86) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.9787, -8.4154, 37.6691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 193, 86) }
```

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

```
.background{ background-color: rgb(215,  
193, 86) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor