

Converting Colors

HunterLab(72.7437, 0.2232,
35.4101)

Have a look what the booklet for
HunterLab(72.7437, 0.2232,
35.4101) contains.

HunterLab(72.7437, 0.2232, 35.4101)	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(72.7437, 0.2232,
35.4101)**

Conversions

Conversions Part 1

Format	Color
Hex	E4BB62
RGB	228, 187, 98
RGB Percent	89%, 73%, 38%
CMY	0.1059, 0.2666, 0.6157
CMYK	0.00, 0.18, 0.57, 0.11
HSL	41°, 71%, 64%
HSV	41°, 57%, 89%
XYZ	51.9698, 52.9165, 19.0300
YIQ	189.1130, 53.0050, -18.9870

Conversions

Conversions Part 2

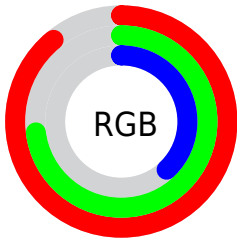
Format	Color
RYB	158, 228, 98
Decimal	14990178
CIELab	77.83, 4.44, 49.95
CIELCh	78, 50.145, 84.925
Yxy	52.9190, 0.4194, 0.4270
Android (android.graphics.Color)	4293180258 (0xFFE4BB62)
YUV	189.1130, -44.9187, 34.1039
Hunter-Lab	72.7437, 0.2232, 35.4101

Details

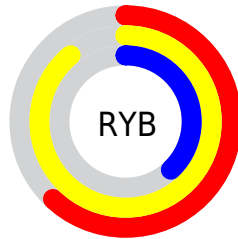
The HunterLab color $72.7437, 0.2232, 35.4101$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $51.6355, 7.3748, -52.3324$, and the grayscale version is $71.5526, -3.8179, 3.8876$.

A 20% lighter version of the original color is $93.5925, -13.3533, 38.8900$, and $50.7952, 1.1252, 28.1804$ is the 20% darker color. If you saturate the color by 10%, you get $70.4081, 2.4208, 37.7914$, and if you desaturate by 10%, it is $75.1933, -1.5726, 32.0930$.

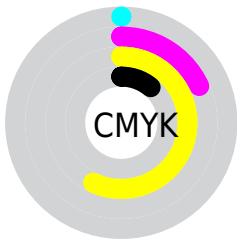
Distribution



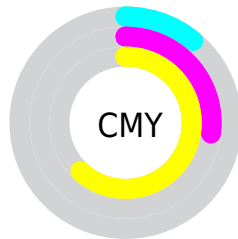
- Red (89%)
- Green (73%)
- Blue (38%)



- Red (62%)
- Yellow (89%)
- Blue (38%)



- Cyan (0%)
- Magenta (18%)
- Yellow (57%)
- Black (11%)



- Cyan (11%)
- Magenta (27%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.7437, 0.2232, 35.4101 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 72.7437, 0.2232, 35.4101 by changing the saturation by 10% instead.

■ 72.7437, 0.2232,
35.4101

■ 72.7437, 0.2232,
35.4101

199.4929, -4.9392,
62.6548

■ 61.4314, 0.6046,
31.8877

■ 97.2035, -0.6784,
42.0436

■ 50.7735, 0.9407,
28.1890

■ 110.2902, -1.1867,
45.1962

■ 40.8151, 1.2236,
24.2789

■ 123.9166, -1.7313,
48.2616

■ 31.6093, 1.4467,
20.1169

■ 138.0621, -2.3102,
51.2525

■ 23.2235, 1.6007,
16.2565

152.7083, -2.9218,
54.1792

■ 15.7475, 1.6721,
11.0232

167.8386, -3.5647,

■ 9.3087, 1.6415,

57.0505

6.5161

183.4381, -4.2375,
59.8737

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.7437, 0.2232,
35.4101

■ 72.7437, 0.2232,
35.4101

■ 70.4081, 2.4208,
37.7914

■ 75.1933, -1.5726,
32.0930

■ 68.1832, 5.0206,
39.2355

■ 77.7488, -2.9577,
27.8567

■ 66.0709, 7.9979,
39.7741

■ 80.4082, -3.9423,
22.7338

■ 64.0678, 11.3090,
39.4955

■ 83.1675, -4.5378,
16.7640

■ 63.4862, 12.3307,

■ 86.0225, -4.7590,

39.3358

9.9916

■ 88.9690, -4.6227,
2.4630

■ 91.9109, -4.6491,
-4.4760

■ 94.1973, -8.4098,
-1.6517

■ 96.5170, -12.1382,
1.1437

Harmonies

Analogous

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



72.7454, 24.4196, 31.4000



72.7437, 0.2232, 35.4101



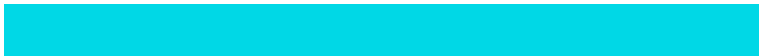
72.7454, -22.2392, 33.4736

Triad

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



72.7454, 0.2202, 35.4108



72.7454, -41.0117, -16.9535



72.7454, 37.6270, -25.8710

Complementary

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



72.7437, 0.2232, 35.4101



51.6355, 7.3748, -52.3324

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.



72.7454, 16.4902, -47.8192



72.7437, 0.2232, 35.4101



72.7454, -28.4312, -41.6139

Square

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



72.7454, 0.2202, 35.4108



72.7454, -44.1982, 7.7178



72.7454, -7.9019, -54.3530



72.7454, 47.7225, -0.0102

Rectangle

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



72.7437, 0.2232, 35.4101



72.7454, -33.5490, 28.5904



72.7454, -7.9019, -54.3530



72.7454, 31.4553, -34.2430

Sweetspot

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



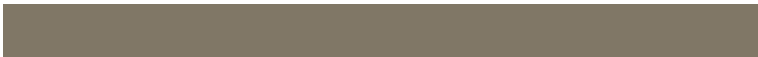
72.7454, 0.2202, 35.4108



94.3938, -5.1478, 19.0966



52.0564, 49.6097, 5.0517



43.3739, -2.3341, 9.5028

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.7454, 0.2202, 35.4108



79.5738, 3.1357, 43.1994



83.2042, -27.8386, 42.5482



40.0129, -2.2224, 5.4954



48.4719, 8.9338, 30.0246



13.7878, 1.2959, 8.5186

Inverse Universe

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



51.6355, 7.3748, -52.3324



51.6559, 14.4392, -76.5066



42.9683, 34.3695, -74.2006



38.2428, -1.8040, -1.4960



24.6797, 25.6249, -86.1643



7.8233, 4.1985, -18.8418

Previews

White Background



This preview shows how the HunterLab color 72.7437, 0.2232, 35.4101 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 72.7437, 0.2232, 35.4101 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 72.7437, 0.2232, 35.4101 Background



This preview shows how black text looks on a background with the HunterLab color 72.7437, 0.2232, 35.4101.



This preview shows how white text looks on a background with the HunterLab color 72.7437, 0.2232, 35.4101.

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

72.7437, 0.2232, 35.4101

Protanopia

72.8403, -8.5651, 34.9202

Deuteranopia

72.6446, 5.8310, 35.2310



Tritanopia

72.7976, 18.7645, 5.5099

Trichromacy



Original Color

72.7437, 0.2232, 35.4101

Protanomaly

72.8477, -5.4666, 35.1853

Deuteranomaly

72.5770, 4.1390, 35.1508

Tritanomaly

72.6675, 10.9153, 18.9424

Monochromacy



Original Color

72.7437, 0.2232, 35.4101

Achromatopsia

71.3359, -3.8063, 3.8758

Achromatomaly

71.4586, -3.6206, 17.8725

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.7437, 0.2232, 35.4101 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, 187, 98)` looks like.

```
.text, #text, p{  
    color:rgb(228, 187, 98)  
}
```

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, 187, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 187, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 72.7437, 0.2232, 35.4101 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, 187, 98) }
```


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

```
.border{ border-color:rgb(228, 187, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 187, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 187, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 187, 98);  
box-shadow:4px 4px 4px 4px rgb(228, 187,  
98) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.7437, 0.2232, 35.4101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 187, 98) }
```

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

```
.background{ background-color: rgb(228,  
187, 98) }
```

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