

Converting Colors

HunterLab(73.7186, -0.4812,
32.7352)

Have a look what the booklet for
HunterLab(73.7186, -0.4812,
32.7352) contains.

HunterLab(73.7225, -0.5126, 32.8541)	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(73.7225, -0.5126,
32.8541)**

Conversions

Conversions Part 1

Format	Color
Hex	E3BE71
RGB	227, 190, 113
RGB Percent	89%, 75%, 44%
CMY	0.1098, 0.2549, 0.5569
CMYK	0.00, 0.16, 0.50, 0.11
HSL	41°, 67%, 67%
HSV	41°, 50%, 89%
XYZ	53.0727, 54.3501, 23.3162
YIQ	192.2850, 46.7690, -16.1030

Conversions

Conversions Part 2

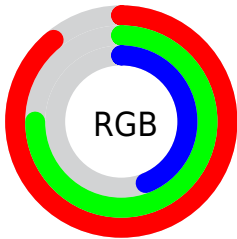
Format	Color
RYB	168, 227, 113
Decimal	14925425
CIELab	78.67, 3.69, 43.56
CIELCh	79, 43.718, 85.161
Yxy	54.3526, 0.4059, 0.4157
Android (android.graphics.Color)	4293115505 (0xFFE3BE71)
YUV	192.2850, -39.0875, 30.4451
Hunter-Lab	73.7225, -0.5126, 32.8541

Details

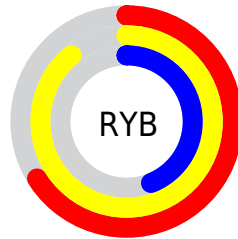
The HunterLab color **73.7225, -0.5126, 32.8541** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **55.5593, 4.2347, -43.2431**, and the grayscale version is **72.8708, -3.8882, 3.9592**.

A 20% lighter version of the original color is **94.8286, -13.3322, 35.6434**, and **51.6577, 0.1488, 26.4364** is the 20% darker color. If you saturate the color by 10%, you get **71.2689, 1.5011, 35.8386**, and if you desaturate by 10%, it is **76.2901, -2.1255, 28.9563**.

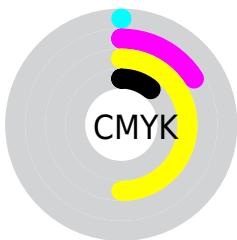
Distribution



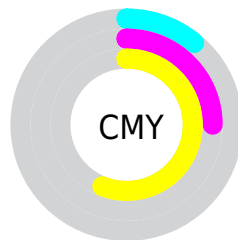
- Red (89%)
- Green (75%)
- Blue (44%)



- Red (66%)
- Yellow (89%)
- Blue (44%)



- Cyan (0%)
- Magenta (16%)
- Yellow (50%)
- Black (11%)



- Cyan (11%)
- Magenta (25%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.7225, -0.5126, 32.8541 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 73.7225, -0.5126, 32.8541 by changing the saturation by 10% instead.

73.7225, -0.5126,
32.8541

73.7225, -0.5126,
32.8541

200.8615, -5.9695,
57.2077

62.3568, -0.0907,
29.7483

98.2811, -1.4889,
38.7277

51.6423, 0.2883,
26.4944

111.4140, -2.0321,
41.5315

41.6233, 0.6171,
23.0585

125.0848, -2.6102,
44.2657

32.3519, 0.8898,
19.3974

139.2730, -3.2214,
46.9410

23.8942, 1.0983,
15.7087

153.9604, -3.8642,
49.5662

16.3375, 1.2308,
11.4363

169.1307, -4.5373,

9.8059, 1.2682,

52.1485

6.8641

184.7690, -5.2394,
54.6939

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.7225, -0.5126,
32.8541

■ 73.7225, -0.5126,
32.8541

■ 71.2689, 1.5011,
35.8386

■ 76.2901, -2.1255,
28.9563

■ 68.9273, 3.9228,
37.8917

■ 78.9628, -3.3342,
24.1729

■ 66.7011, 6.7376,
39.0208

■ 81.7379, -4.1527,
18.5437

■ 64.5901, 9.9187,
39.2676

■ 84.6112, -4.5953,
12.1130

■ 62.6284, 13.3118,

■ 87.5781, -4.6785,

38.8244

4.9274

■ 90.6341, -4.4206,
-2.9656

■ 93.1666, -7.1753,
-2.9239

■ 95.5320, -11.0041,
-0.0426

■ 97.5043, -14.1297,
2.3056

Harmonies

Analogous

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



73.7242, 20.4637, 29.0073



73.7225, -0.5126, 32.8541



73.7242, -20.2638, 30.9146

Triad

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



73.7242, -0.5155, 32.8549



73.7242, -36.9116, -14.1690



73.7242, 32.0462, -21.3484

Complementary

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



73.7225, -0.5126, 32.8541



55.5593, 4.2347, -43.2431

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.



73.7242, 13.9456, -39.6726



73.7225, -0.5126, 32.8541



73.7242, -25.5276, -34.7826

Square

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



73.7242, -0.5155, 32.8549



73.7242, -39.8730, 7.1668



73.7242, -7.2985, -45.1705



73.7242, 40.5511, 0.7134

Rectangle

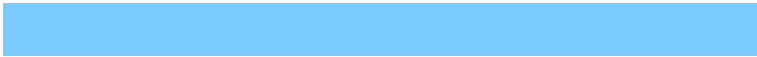
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.7225, -0.5126, 32.8541



73.7242, -30.3344, 26.2072



73.7242, -7.2985, -45.1705



73.7242, 26.7906, -28.3673

Sweetspot

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



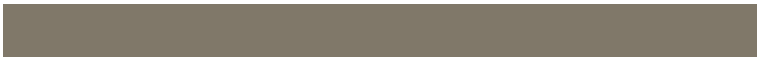
73.7242, -0.5155, 32.8549



94.9269, -5.0493, 17.5102



55.1145, 43.3646, 3.2235



43.5967, -2.2827, 8.8132

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



73.7242, -0.5155, 32.8549



81.2707, 1.7551, 40.9388



83.3908, -25.0751, 39.8379



39.9841, -2.1747, 5.4648



48.0580, 9.7237, 29.7833



13.6885, 1.4762, 8.4606

Inverse Universe

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



55.5593, 4.2347, -43.2431



56.9105, 9.2469, -63.3336



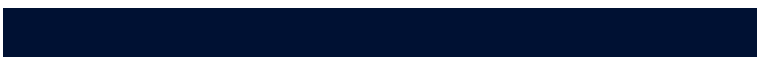
47.1832, 28.2241, -61.7520



38.2715, -1.8517, -1.4605



25.0062, 24.7340, -84.6492



7.9127, 3.9987, -18.5221

Previews

White Background



This preview shows how the HunterLab color 73.7225, -0.5126, 32.8541 looks on a white background.

Color Contrast Check

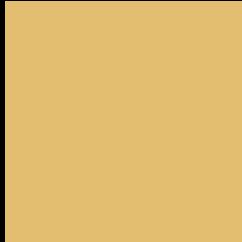
Large Text (above 18pt) WCAG AA × Fail

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 73.7225, -0.5126, 32.8541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

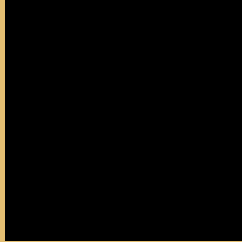
Any Text WCAG AA ✓ Pass

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 73.7225, -0.5126, 32.8541 Background



This preview shows how black text looks on a background with the HunterLab color 73.7225, -0.5126, 32.8541.



This preview shows how white text looks on a background with the HunterLab color 73.7225, -0.5126,

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

73.7225, -0.5126, 32.8541

Protanopia

73.7659, -7.9782, 32.2779

Deuteranopia

73.7138, 5.4470, 32.7129



Tritanopia

73.6205, 17.4155, 4.5654

Trichromacy



Original Color

73.7225, -0.5126, 32.8541

Protanomaly

73.6616, -5.2722, 32.4840

Deuteranomaly

73.5386, 3.3813, 32.5382

Tritanomaly

73.5890, 9.9916, 16.8397

Monochromacy



Original Color

73.7225, -0.5126, 32.8541

Achromatopsia

72.6027, -3.8739, 3.9446

Achromatomaly

72.7221, -3.5091, 16.4994

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 73.7225, -0.5126, 32.8541 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(227, 190, 113)` looks like.

```
.text, #text, p{  
    color:rgb(227, 190, 113)  
}
```

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(227, 190, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 190, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 73.7225, -0.5126, 32.8541 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(227, 190, 113) }
```


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

```
.border{ border-color:rgb(227, 190, 113) }
```

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

Here you see how a box with a 4 pixel rgb(227, 190, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 190, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 190, 113);  
box-shadow:4px 4px 4px 4px rgb(227, 190,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 73.7225, -0.5126, 32.8541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 190, 113) }
```

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

```
.background{ background-color: rgb(227,  
190, 113) }
```

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