

Converting Colors

HunterLab(72.4600, -8.5537,
44.4997)

Have a look what the booklet for
HunterLab(72.4600, -8.5537,
44.4997) contains.

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Color

**HunterLab(72.3337, -8.5175,
44.4226)**

Conversions

Conversions Part 1

Format	Color
Hex	DBBF00
RGB	219, 191, 0
RGB Percent	86%, 75%, 0%
CMY	0.1412, 0.2510, 0.9999
CMYK	0.00, 0.13, 1.00, 0.14
HSL	52°, 100%, 43%
HSV	52°, 100%, 86%
XYZ	47.8442, 52.3216, 7.5774
YIQ	177.5980, 77.9990, -53.4650

Conversions

Conversions Part 2

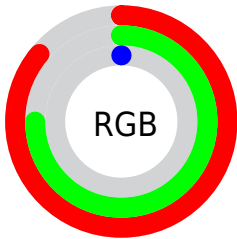
Format	Color
R _Y B	32, 219, 0
Decimal	14401280
CIE Lab	77.47, -5.16, 78.89
CIE LCh	77, 79.062, 93.744
Yxy	52.3242, 0.4440, 0.4856
Android (android.graphics.Color)	4292591360 (0xFFDDBBF00)
YUV	177.5980, -87.5558, 36.3096
Hunter-Lab	72.3337, -8.5175, 44.4226

Details

The HunterLab color **72.3337, -8.5175, 44.4226** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **24.3838, 53.9719, -146.9844**, and the grayscale version is **66.8883, -3.5690, 3.6342**.

A 20% lighter version of the original color is **94.0245, -20.1434, 52.4244**, and **50.5449, -5.8637, 31.0429** is the 20% darker color. If you saturate the color by 10%, you get **72.3346, -8.5194, 44.4231**, and if you desaturate by 10%, it is **73.2220, -9.6478, 44.3388**.

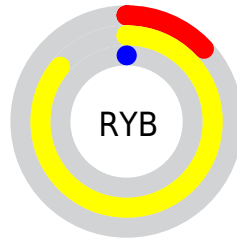
Distribution



Red (86%)

Green (75%)

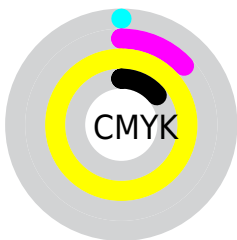
Blue (0%)



Red (13%)

Yellow (86%)

Blue (0%)

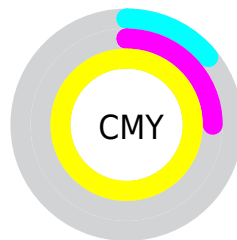


Cyan (0%)

Magenta (13%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.3337, -8.5175, 44.4226 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 72.3337, -8.5175, 44.4226 by changing the saturation by 10% instead.

72.3337, -8.5175,
44.4226

72.3337, -8.5175,
44.4226

198.9188,
-17.1902, 84.9374

61.0439, -7.6545,
39.0957

96.7518, -10.3103,
54.4528

50.4099, -6.8068,
33.5401

109.8191,
-11.2347, 59.1958

40.4771, -5.9762,
28.0310

123.4268,
-12.1787, 63.7838

31.2990, -5.1603,
21.9093

137.5543,
-13.1424, 68.2342

22.9436, -4.3546,
16.0605

152.1831,
-14.1256, 72.5623

15.5017, -3.5510,
10.8512

167.2966,

9.0964, -2.9587,

-15.1281, 76.7814

6.3675

182.8798,
-16.1497, 80.9031

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.3337, -8.5175,
44.4226

■ 72.3337, -8.5175,
44.4226

■ 72.3346, -8.5194,
44.4231

■ 73.2220, -9.6478,
44.3388

■ 74.1578, -10.5294,
43.6204

■ 75.1554, -11.0936,
42.0841

■ 76.2202, -11.3083,
39.6508

■ 77.3562, -11.1514,

36.2694

■ 78.5659, -10.6085,
31.9090

■ 79.8510, -9.6717,
26.5547

■ 81.2127, -8.3379,
20.2050

■ 82.6511, -6.6086,
12.8690

Harmonies

Analogous

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



72.3354, 30.9520, 42.4322



72.3337, -8.5175, 44.4226



72.3354, -39.7792, 40.9427

Triad

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



72.3354, -8.5205, 44.4231



72.3354, -54.6690, -45.5861



72.3354, 72.9996, -33.5415

Complementary

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



72.3337, -8.5175, 44.4226



24.3838, 53.9719, -146.9844

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.



72.3354, 40.8009, -79.6920



72.3337, -8.5175, 44.4226



72.3354, -33.1300, -88.7909

Square

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



72.3354, -8.5205, 44.4231



72.3354, -62.7604, -0.6952



72.3354, 0.9143, -103.6909



72.3354, 83.2661, 8.2825

Rectangle

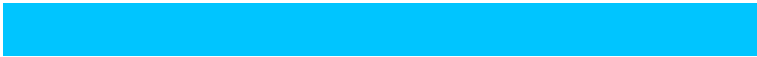
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.3337, -8.5175, 44.4226



72.3354, -53.3890, 33.9301



72.3354, 0.9143, -103.6909



72.3354, 64.0988, -49.6391

Sweetspot

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



72.3354, -8.5205, 44.4231



94.8329, -11.5271, 31.7357



38.9232, 66.8849, 23.3630



43.5690, -5.5761, 15.9947

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.3354, -8.5205, 44.4231



85.8583, -9.9850, 52.7307



74.9175, -45.4982, 45.3668



38.6846, -3.0396, 5.8129



55.8017, -6.7220, 34.2671



14.4855, -2.1571, 8.8881

Inverse Universe

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



24.3838, 53.9719, -146.9844



28.7846, 64.8631, -175.9989



26.1419, 64.3279, -134.7610



35.8944, -0.7922, -2.0981



19.0075, 40.6603, -111.5317



5.6907, 7.4454, -23.1854

Previews

White Background



This preview shows how the HunterLab color 72.3337, -8.5175, 44.4226 looks on a white background.

Color Contrast Check

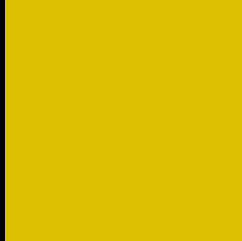
Large Text (above 18pt) WCAG AA × Fail

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 72.3337, -8.5175, 44.4226 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 72.3337, -8.5175, 44.4226 Background



This preview shows how black text looks on a background with the HunterLab color 72.3337, -8.5175, 44.4226.

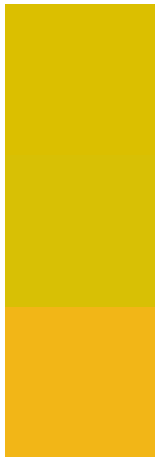


This preview shows how white text looks on a background with the HunterLab color 72.3337, -8.5175,

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

72.3337, -8.5175, 44.4226

Protanopia

72.3251, -10.0882, 44.2721

Deuteranopia

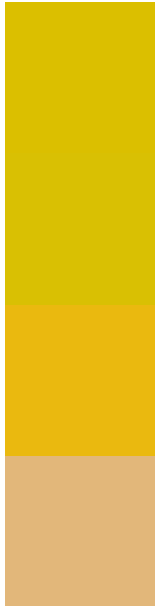
72.3844, 5.2597, 44.0310



Tritanopia

72.4054, 16.1725, 4.5371

Trichromacy



Original Color

72.3337, -8.5175, 44.4226

Protanomaly

72.4276, -9.7291, 44.3887

Deuteranomaly

72.2668, 0.4101, 44.1668

Tritanomaly

71.7223, 3.4299, 29.0342

Monochromacy



Original Color

72.3337, -8.5175, 44.4226

Achromatopsia

66.7234, -3.5602, 3.6252

Achromatomaly

68.1151, -9.3829, 28.2093

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.3337, -8.5175, 44.4226 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(219, 191, 0)` looks like.

```
.text, #text, p{  
    color:rgb(219, 191, 0)  
}
```

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(219, 191, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 191, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 72.3337, -8.5175, 44.4226 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(219, 191, 0) }
```


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

```
.border{ border-color:rgb(219, 191, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 191, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 191, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 191, 0);  
box-shadow:4px 4px 4px 4px rgb(219, 191,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.3337, -8.5175, 44.4226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 191, 0) }
```

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

```
.background{ background-color: rgb(219,  
191, 0) }
```

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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