

Converting Colors

HunterLab(76.3133, -12.9526,
45.2375)

Have a look what the booklet for
HunterLab(76.3133, -12.9526,
45.2375) contains.

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Color

**HunterLab(76.3133,
-12.9526, 45.2375)**

Conversions

Conversions Part 1

Format	Color
Hex	DDCB28
RGB	221, 203, 40
RGB Percent	87%, 80%, 16%
CMY	0.1333, 0.2039, 0.8431
CMYK	0.00, 0.08, 0.82, 0.13
HSL	54°, 73%, 51%
HSV	54°, 82%, 87%
XYZ	51.5577, 58.2372, 10.5310
YIQ	189.8000, 63.0510, -46.8770

Conversions

Conversions Part 2

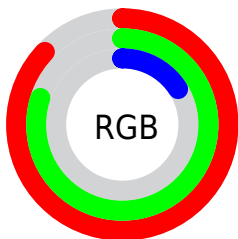
Format	Color
RYB	60, 221, 40
Decimal	14535464
CIELab	80.87, -9.77, 75.21
CIELCh	81, 75.845, 97.403
Yxy	58.2400, 0.4285, 0.4840
Android (android.graphics.Color)	4292725544 (0xFFDDCB28)
YUV	189.8000, -73.8514, 27.3624
Hunter-Lab	76.3133, -12.9526, 45.2375

Details

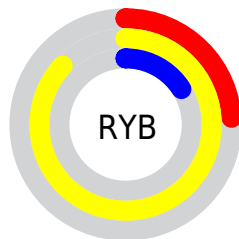
The HunterLab color **76.3133, -12.9526, 45.2375** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **29.4922, 41.8356, -118.6158**, and the grayscale version is **71.9579, -3.8395, 3.9096**.

A 20% lighter version of the original color is **96.8191, -23.0511, 51.5581**, and **54.0151, -9.7700, 33.1128** is the 20% darker color. If you saturate the color by 10%, you get **75.5643, -12.3094, 45.9010**, and if you desaturate by 10%, it is **77.1238, -13.2934, 43.7751**.

Distribution



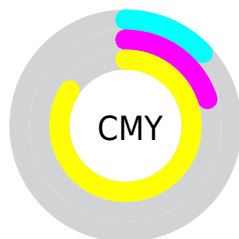
- Red (87%)
- Green (80%)
- Blue (16%)



- Red (24%)
- Yellow (87%)
- Blue (16%)



- Cyan (0%)
- Magenta (8%)
- Yellow (82%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.3133, -12.9526, 45.2375 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 76.3133, -12.9526, 45.2375 by changing the saturation by 10% instead.

■ 76.3133, -12.9526,
45.2375

■ 76.3133, -12.9526,
45.2375

■ 204.4699,
-23.3943, 83.6708

■ 64.8086, -11.8474,
40.2036

■ 101.1297,
-15.1940, 54.7180

■ 53.9468, -10.7428,
34.9448

■ 114.3831,
-16.3279, 59.2069

■ 43.7703, -9.6376,
29.4556

■ 128.1696,
-17.4733, 63.5542

■ 34.3290, -8.5249,
24.0303

■ 142.4694,
-18.6309, 67.7763

■ 25.6852, -7.3943,
17.9797

■ 157.2647,
-19.8015, 71.8876

■ 17.9208, -6.2278,
12.5446

■ 172.5394,

■ 11.1497, -4.9908,

-20.9853, 75.9002

7.8048

188.2789,
-22.1829, 79.8248

■ 3.1071, -5.4374,
2.1749

0.0000, NaN, NaN

■ 76.3133, -12.9526,
45.2375

■ 76.3133, -12.9526,
45.2375

■ 75.5643, -12.3094,
45.9010

■ 77.1238, -13.2934,
43.7751

■ 74.9880, -11.6183,
46.0039

■ 77.9969, -13.2861,
41.4205

■ 78.9389, -12.9080,
38.1112

■ 79.9534, -12.1411,
33.8058

■ 81.0427, -10.9740,
28.4796

■ 82.2085, -9.4008,
22.1221

■ 83.4517, -7.4202,
14.7345

■ 84.7729, -5.0349,
6.3281

■ 86.1720, -2.2507,
-3.0774

Harmonies

Analogous

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



76.3151, 24.9705, 43.7703



76.3133, -12.9526, 45.2375



76.3151, -42.3773, 40.5499

Triad

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



76.3151, -12.9555, 45.2381



76.3151, -52.4250, -48.8921



76.3151, 72.5956, -26.3970

Complementary

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



76.3133, -12.9526, 45.2375



29.4922, 41.8356, -118.6158

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.



76.3151, 43.6819, -70.7075



76.3133, -12.9526, 45.2375



76.3151, -29.3383, -87.4177

Square

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



76.3151, -12.9555, 45.2381



76.3151, -62.1961, -5.0094



76.3151, 5.2289, -96.8734



76.3151, 79.2495, 12.3055

Rectangle

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



76.3133, -12.9526, 45.2375



76.3151, -54.8844, 32.1873



76.3151, 5.2289, -96.8734



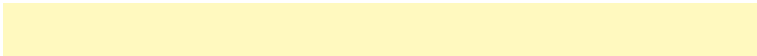
76.3151, 64.9244, -41.5702

Sweetspot

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



76.3151, -12.9555, 45.2381



96.2161, -11.7198, 28.6203



41.4689, 62.3477, 20.9008



44.2894, -5.7247, 14.4647

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.3151, -12.9555, 45.2381



88.2903, -13.7782, 54.0645



76.3007, -43.3146, 44.6974



38.7699, -3.1790, 5.9025



57.2373, -8.9844, 35.1120



14.7912, -2.6314, 9.0682

Inverse Universe

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



29.4922, 41.8356, -118.6158



28.5983, 65.9019, -177.3650



31.9528, 58.8473, -106.2115



35.8111, -0.6510, -2.2033



18.5499, 42.4579, -114.8401



5.4362, 8.2406, -24.5839

Previews

White Background



This preview shows how the HunterLab color 76.3133, -12.9526, 45.2375 looks on a white background.

Color Contrast Check

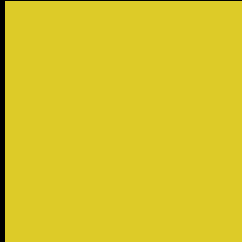
Large Text (above 18pt) WCAG AA × Fail

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 76.3133, -12.9526, 45.2375 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 76.3133, -12.9526, 45.2375 Background



This preview shows how black text looks on a background with the HunterLab color 76.3133, -12.9526, 45.2375.



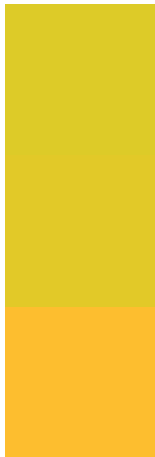
This preview shows how white text looks on a background with the HunterLab color 76.3133,

-12.9526, 45.2375.

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

76.3133, -12.9526, 45.2375

Protanopia

76.2202, -10.1227, 45.2278

Deuteranopia

76.1018, 6.2282, 44.9074



Tritanopia

76.2092, 13.4943, 2.7520

Trichromacy



Original Color

76.3133, -12.9526, 45.2375

Protanomaly

76.3162, -11.3569, 45.2672

Deuteranomaly

76.1005, -1.2477, 45.0144

Tritanomaly

75.6672, 1.1945, 25.9719

Monochromacy



Original Color

76.3133, -12.9526, 45.2375

Achromatopsia

71.7578, -3.8288, 3.8987

Achromatomaly

72.9363, -10.2256, 26.1309

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.3133, -12.9526, 45.2375 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, 203, 40)` looks like.

```
.text, #text, p{  
    color:rgb(221, 203, 40)  
}
```

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, 203, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 203, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 76.3133, -12.9526, 45.2375 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, 203, 40) }
```


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

```
.border{ border-color:rgb(221, 203, 40) }
```

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

Here you see how a box with a 4 pixel rgb(221, 203, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 203, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 203, 40);  
box-shadow:4px 4px 4px 4px rgb(221, 203,  
40) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.3133, -12.9526, 45.2375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 203, 40) }
```

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

```
.background{ background-color: rgb(221,  
203, 40) }
```

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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