

Converting Colors

HunterLab(37.5714, -19.2925,
23.1579)

Have a look what the booklet for
HunterLab(37.5714, -19.2925,
23.1579) contains.

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Color

**HunterLab(37.6733,
-19.1298, 22.8792)**

Conversions

Conversions Part 1

Format	Color
Hex	557300
RGB	85, 115, 0
RGB Percent	33%, 45%, 0%
CMY	0.6667, 0.5490, 1.0000
CMYK	0.26, 0.00, 1.00, 0.55
HSL	76°, 100%, 23%
HSV	76°, 100%, 45%
XYZ	9.8770, 14.1928, 2.2189
YIQ	92.9200, 19.0350, -42.1250

Conversions

Conversions Part 2

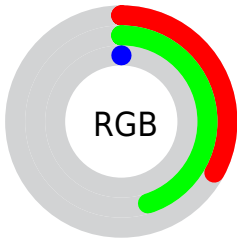
Format	Color
RYB	0, 115, 30
Decimal	5600000
CIELab	44.51, -25.74, 49.69
CIELCh	45, 55.965, 117.383
Yxy	14.1934, 0.3757, 0.5399
Android (android.graphics.Color)	4283790080 (0xFF557300)
YUV	92.9200, -45.8096, -6.9458
Hunter-Lab	37.6733, -19.1298, 22.8792

Details

The HunterLab color $[37.6733, -19.1298, 22.8792]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[12.3053, 31.1293, -70.0272]$, and the grayscale version is $[33.2157, -1.7723, 1.8047]$.

A 20% lighter version of the original color is $[57.7828, -23.3675, 30.5201]$, and $[20.8672, -13.7051, 12.6183]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.6740, -19.1314, 22.8796]$, and if you desaturate by 10%, it is $[37.8975, -18.1885, 22.5141]$.

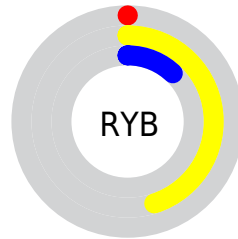
Distribution



Red (33%)

Green (45%)

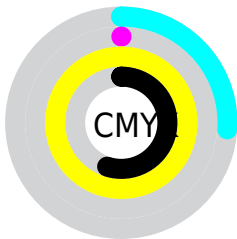
Blue (0%)



Red (0%)

Yellow (45%)

Blue (12%)

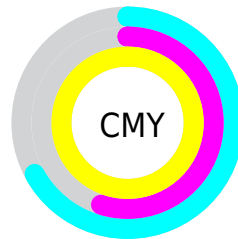


Cyan (26%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (67%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.6733, -19.1298, 22.8792 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 37.6733, -19.1298, 22.8792 by changing the saturation by 10% instead.

■ 37.6733, -19.1298,
22.8792

■ 37.6733, -19.1298,
22.8792

147.7940,
-36.5725, 53.0320

■ 28.7321, -16.8614,
18.6980

■ 57.8202, -23.3386,
30.5974

■ 20.6367, -14.4162,
14.4457

■ 68.9209, -25.3332,
34.1588

■ 13.4883, -11.6997,
9.4418

■ 80.6530, -27.2780,
37.5661

■ 7.0653, -12.3642,
4.9457

■ 92.9843, -29.1846,
40.8450

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.8869,
-31.0614, 44.0159


0.0000, NaN, NaN


■ 119.3367,


0.0000, NaN, NaN


-32.9150, 47.0955


0.0000, NaN, NaN


 133.3120,
-34.7507, 50.0972


 37.6733, -19.1298,
22.8792


 37.6733, -19.1298,
22.8792


 37.6740, -19.1314,
22.8796

 37.8975, -18.1885,
22.5141

 38.1421, -17.1409,
21.9422

 38.4191, -15.9246,
20.9997

 38.7310, -14.5289,
19.6534

 39.0795, -12.9470,
17.8797

■ 39.4660, -11.1755,
15.6626

■ 39.8914, -9.2135,
12.9924

■ 40.3565, -7.0625,
9.8651

■ 40.8616, -4.7256,
6.2816

Harmonies

Analogous

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



37.6741, -0.1154, 23.9405



37.6733, -19.1298, 22.8792



37.6741, -30.7829, 17.6359

Triad

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



37.6741, -19.1308, 22.8794



37.6741, -21.7243, -48.0583



37.6741, 48.5313, 0.2197

Complementary

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



37.6733, -19.1298, 22.8792



12.3053, 31.1293, -70.0272

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.



37.6741, 39.2864, -25.7354



37.6733, -19.1298, 22.8792



37.6741, -3.8723, -61.7461

Square

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



37.6741, -19.1308, 22.8794



37.6741, -32.0287, -20.7593



37.6741, 18.8419, -51.8886



37.6741, 41.9269, 15.9768

Rectangle

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



37.6733, -19.1298, 22.8792



37.6741, -34.3438, 9.6375



37.6741, 18.8419, -51.8886



37.6741, 47.1351, -7.5396

Sweetspot

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



37.6741, -19.1308, 22.8794



53.3329, -12.5469, 17.6919



21.2412, 25.8883, 13.5413



25.9542, -6.5676, 9.2501



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



37.6741, -19.1308, 22.8794



50.3476, -25.8571, 30.5713



35.3833, -28.4695, 21.3043



20.5439, -2.2580, 2.9736



40.2673, -20.5067, 24.4535



88.6487, -46.2223, 53.8157

Inverse Universe

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



12.3053, 31.1293, -70.0272



16.2875, 41.5013, -94.9652



17.9681, 37.6578, -41.7922



19.0573, 0.2003, -0.9788



13.1191, 33.2530, -75.1343



28.3311, 72.8574, -170.3684

Previews

White Background



This preview shows how the HunterLab color 37.6733, -19.1298, 22.8792 looks on a white 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 × Fail

Black Background



This preview shows how the HunterLab color 37.6733, -19.1298, 22.8792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

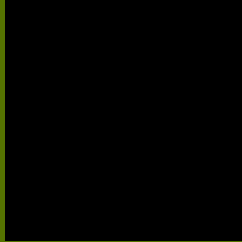
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 37.6733, -19.1298, 22.8792 Background



This preview shows how black text looks on a background with the HunterLab color 37.6733, -19.1298, 22.8792.



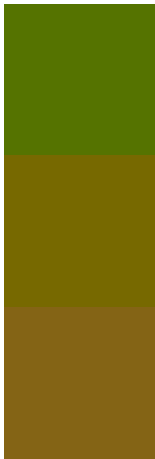
This preview shows how white text looks on a background with the HunterLab color 37.6733,

-19.1298, 22.8792.

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

37.6733, -19.1298, 22.8792

Protanopia

37.4501, -5.1990, 22.9856

Deuteranopia

37.5154, 1.9517, 22.0297



Tritanopia

37.6644, -3.9639, -2.3932

Trichromacy



Original Color

37.6733, -19.1298, 22.8792

Protanomaly

37.5008, -10.7349, 22.9199

Deuteranomaly

37.1174, -6.3117, 22.1529

Tritanomaly

37.2251, -11.9516, 12.6891

Monochromacy



Original Color

37.6733, -19.1298, 22.8792

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

34.3465, -9.9052, 13.8481

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.6733, -19.1298, 22.8792 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(85, 115, 0)` looks like.

```
.text, #text, p{  
    color:rgb(85, 115, 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(85, 115, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 115, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 37.6733, -19.1298, 22.8792 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(85, 115, 0) }
```


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

```
.border{ border-color:rgb(85, 115, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 115, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 115, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 115, 0);  
box-shadow:4px 4px 4px 4px rgb(85, 115, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.6733, -19.1298, 22.8792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 115, 0) }
```

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

```
.background{ background-color: rgb(85, 115,  
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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