

Converting Colors

HunterLab(37.5877, -21.2068,
20.0720)

Have a look what the booklet for
HunterLab(37.5877, -21.2068,
20.0720) contains.

HunterLab(37.4711, -21.1437, 19.9499)	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(37.4711,
-21.1437, 19.9499)**

Conversions

Conversions Part 1

Format	Color
Hex	497425
RGB	73, 116, 37
RGB Percent	29%, 45%, 15%
CMY	0.7137, 0.5451, 0.8549
CMYK	0.37, 0.00, 0.68, 0.55
HSL	93°, 52%, 30%
HSV	93°, 68%, 45%
XYZ	9.3270, 14.0408, 3.9689
YIQ	94.1370, -0.2690, -33.6850

Conversions

Conversions Part 2

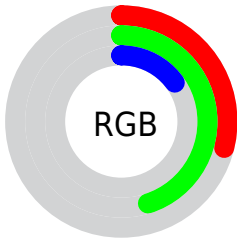
Format	Color
RYB	37, 116, 80
Decimal	4813861
CIELab	44.29, -29.25, 37.64
CIELCh	44, 47.669, 127.856
Yxy	14.0414, 0.3412, 0.5136
Android (android.graphics.Color)	4283003941 (0xFF497425)
YUV	94.1370, -28.1685, -18.5371
Hunter-Lab	37.4711, -21.1437, 19.9499

Details


The HunterLab color $37.4711, -21.1437, 19.9499$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $20.7124, 25.1388, -34.0970$, and the grayscale version is $33.6094, -1.7933, 1.8261$.

A 20% lighter version of the original color is $57.4779, -25.6193, 25.8875$, and $20.4853, -15.2808, 12.3554$ is the 20% darker color. If you saturate the color by 10%, you get $37.0750, -22.9040, 20.9370$, and if you desaturate by 10%, it is $37.9283, -19.1126, 18.5627$.

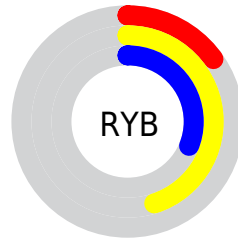
Distribution



 Red (29%)

 Green (45%)

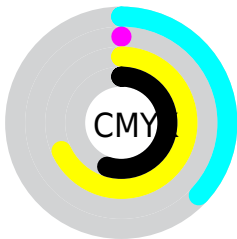
 Blue (15%)



 Red (15%)

 Yellow (45%)

 Blue (31%)

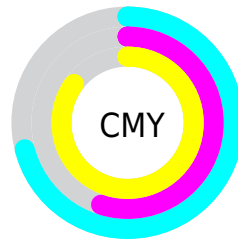


 Cyan (37%)


 Magenta (0%)

 Yellow (68%)

 Black (55%)



 Cyan (71%)

 Magenta (55%)

 Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4711, -21.1437, 19.9499 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 37.4711, -21.1437, 19.9499 by changing the saturation by 10% instead.

■ 37.4711, -21.1437,
19.9499

■ 37.4711, -21.1437,
19.9499

147.4749,
-40.2654, 43.7788

■ 28.5473, -18.6057,
16.6425

■ 57.5869, -25.8160,
25.9601

■ 20.4713, -15.8538,
13.4702

■ 68.6735, -28.0155,
28.7457

■ 13.3448, -12.7898,
9.3413

■ 80.3923, -30.1519,
31.4238

■ 6.8934, -12.0634,
4.8254

■ 92.7109, -32.2389,
34.0150

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.6014,
-34.2866, 36.5349

0.0000, NaN, NaN

■ 119.0395,

0.0000, NaN, NaN

-36.3030, 38.9959

0.0000, NaN, NaN

133.0037,
-38.2943, 41.4078

■ 37.4711, -21.1437,
19.9499

■ 37.4711, -21.1437,
19.9499

■ 37.0750, -22.9040,
20.9370

■ 37.9283, -19.1126,
18.5627

■ 36.7353, -24.3956,
21.5498

■ 38.4456, -16.8095,
16.7594

■ 36.4445, -25.6623,
21.9048

■ 39.0245, -14.2414,
14.5337

■ 36.3929, -25.8890,
21.9719

■ 39.6651, -11.4177,
11.8864

■ 40.3672, -8.3511,
8.8249

■ 41.1300, -5.0560,
5.3610

■ 41.9525, -1.5485,
1.5109

■ 42.8333, 2.1546,
-2.7067

■ 43.7710, 6.0364,
-7.2711

Harmonies

Analogous

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



37.4719, -6.6644, 22.2986



37.4711, -21.1437, 19.9499



37.4719, -29.2115, 12.5404

Triad

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



37.4719, -21.1445, 19.9501



37.4719, -14.2973, -43.7315



37.4719, 39.3329, 6.3094

Complementary

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



37.4711, -21.1437, 19.9499



20.7124, 25.1388, -34.0970

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.



37.4719, 36.2194, -12.7975



37.4711, -21.1437, 19.9499



37.4719, 2.9014, -48.1708

Square

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



37.4719, -21.1445, 19.9501



37.4719, -25.8159, -24.6698



37.4719, 21.9751, -34.8979



37.4719, 29.8138, 17.2544

Rectangle

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



37.4711, -21.1437, 19.9499



37.4719, -30.9444, 3.2633



37.4719, 21.9751, -34.8979



37.4719, 39.7578, 0.7734

Sweetspot

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



37.4719, -21.1445, 19.9501



53.2875, -12.0779, 12.7255



30.7545, 6.2083, 15.6848



25.9246, -6.3467, 6.6659



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.



37.4719, -21.1445, 19.9501



48.8759, -31.5895, 28.3003



36.1047, -26.6692, 18.5371



20.4263, -2.6749, 2.8383



38.5379, -27.4829, 23.2658



84.7808, -61.8814, 51.1582

Inverse Universe

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



20.7124, 25.1388, -34.0970



23.2299, 40.6099, -59.1058



24.9742, 33.9583, -21.3652



19.1805, 0.6194, -0.8139



16.1097, 36.3721, -57.6804



34.8319, 79.4476, -130.9551

Previews

White Background



This preview shows how the HunterLab color 37.4711, -21.1437, 19.9499 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 37.4711, -21.1437, 19.9499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

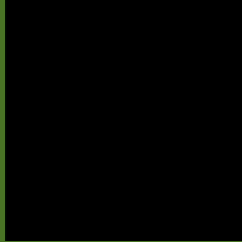
Any Text WCAG AA × Fail

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 37.4711, -21.1437, 19.9499 Background



This preview shows how black text looks on a background with the HunterLab color 37.4711, -21.1437, 19.9499.



This preview shows how white text looks on a background with the HunterLab color 37.4711, -21.1437, 19.9499.

-21.1437, 19.9499.

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

37.4711, -21.1437, 19.9499

Protanopia

37.4173, -5.0072, 20.5707

Deuteranopia

37.2074, 2.5490, 19.3297



Tritanopia

37.3373, -6.4428, -3.8304

Trichromacy



Original Color

37.4711, -21.1437, 19.9499

Protanomaly

37.1824, -11.5955, 20.1731

Deuteranomaly

36.7620, -7.2395, 19.1425

Tritanomaly

37.1790, -13.0231, 7.9583

Monochromacy



Original Color

37.4711, -21.1437, 19.9499

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

34.5864, -9.9914, 10.3316

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4711, -21.1437, 19.9499 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(73, 116, 37)` looks like.

```
.text, #text, p{  
  color:rgb(73, 116, 37)  
}
```

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(73, 116, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 116, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4711, -21.1437, 19.9499 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(73, 116, 37) }
```


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

```
.border{ border-color:rgb(73, 116, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 116, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 116, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 116, 37);  
box-shadow:4px 4px 4px 4px rgb(73, 116,  
37) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4711, -21.1437, 19.9499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 116, 37) }
```

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

```
.background{ background-color: rgb(73, 116,  
37) }
```

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