

# Converting Colors

HunterLab(37.4030, -19.8057,  
22.7008)

Have a look what the booklet for  
HunterLab(37.4030, -19.8057,  
22.7008) contains.

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# Color

**HunterLab(37.4904,  
-19.8510, 22.7539)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	527300
RGB	82, 115, 0
RGB Percent	32%, 45%, 0%
CMY	0.6784, 0.5490, 1.0000
CMYK	0.29, 0.00, 1.00, 0.55
HSL	77°, 100%, 23%
HSV	77°, 100%, 45%
XYZ	9.6104, 14.0553, 2.2064
YIQ	92.0230, 17.2470, -42.7610

# Conversions

## Conversions Part 2

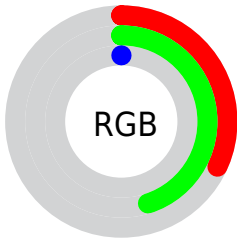
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 115, 33
Decimal	5403392
CIELab	44.31, -27.03, 49.46
CIElCh	44, 56.364, 118.658
Yxy	14.0559, 0.3715, 0.5433
Android (android.graphics.Color)	4283593472 (0xFF527300)
YUV	92.0230, -45.3673, -8.7902
Hunter-Lab	37.4904, -19.8510, 22.7539

# Details

The HunterLab color **37.4904, -19.8510, 22.7539** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **12.4960, 31.3027, -68.7136**, and the grayscale version is **32.8819, -1.7545, 1.7865**.

A 20% lighter version of the original color is **57.5640, -24.2072, 30.3528**, and **20.7131, -14.3367, 12.5123** is the 20% darker color. If you saturate the color by 10%, you get **37.4911, -19.8525, 22.7543**, and if you desaturate by 10%, it is **37.7264, -18.8581, 22.3946**.

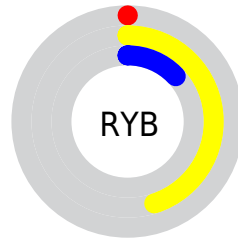
# Distribution



Red (32%)

Green (45%)

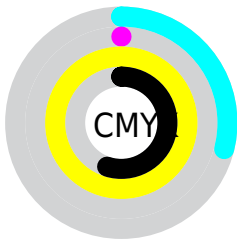
Blue (0%)



Red (0%)

Yellow (45%)

Blue (13%)

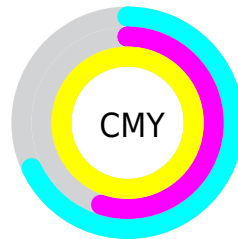


Cyan (29%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (68%)

Magenta (55%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4904, -19.8510, 22.7539 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 37.4904, -19.8510, 22.7539 by changing the saturation by 10% instead.



■ 37.4904, -19.8510,  
22.7539

■ 37.4904, -19.8510,  
22.7539

147.5054,  
-37.9123, 52.8056

■ 28.5650, -17.4825,  
18.5877

■ 57.6092, -24.2313,  
30.4478

■ 20.4871, -14.9228,  
14.3410

■ 68.6971, -26.3015,  
33.9972

■ 13.3585, -12.0702,  
9.3509

■ 80.4172, -28.3169,  
37.3929

■ 6.9100, -12.0925,  
4.8370

■ 92.7370, -30.2898,  
40.6604

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.6287,  
-32.2294, 43.8204


0.0000, NaN, NaN


■ 119.0679,


0.0000, NaN, NaN


-34.1429, 46.8893


0.0000, NaN, NaN


 133.0332,  
-36.0357, 49.8807


 37.4904, -19.8510,  
22.7539


 37.4904, -19.8510,  
22.7539


 37.4911, -19.8525,  
22.7543

 37.7264, -18.8581,  
22.3946

 37.9844, -17.7533,  
21.8291

 38.2763, -16.4740,  
20.8932

 38.6046, -15.0102,  
19.5542

 38.9709, -13.3555,  
17.7891

■ 39.3765, -11.5074,  
15.5827

■ 39.8225, -9.4654,  
12.9260

■ 40.3094, -7.2319,  
9.8160

■ 40.8375, -4.8108,  
6.2545

# Harmonies

## Analogous

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



37.4912, -1.0284, 23.9167



37.4904, -19.8510, 22.7539



37.4912, -31.1980, 17.2826

# Triad

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



37.4912, -19.8519, 22.7541



37.4912, -21.1864, -49.5337



37.4912, 48.9707, 1.1071

# Complementary

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



37.4904, -19.8510, 22.7539



12.4960, 31.3027, -68.7136

# 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.



37.4912, 40.2791, -24.7440



37.4904, -19.8510, 22.7539



37.4912, -2.9666, -62.4754

# Square

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



37.4912, -19.8519, 22.7541



37.4912, -31.8375, -22.1647



37.4912, 19.9731, -51.5238



37.4912, 41.6462, 16.4339



# Rectangle

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



37.4904, -19.8510, 22.7539



37.4912, -34.5545, 8.9851



37.4912, 19.9731, -51.5238



37.4912, 47.7953, -6.5537

# Sweetspot

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



37.4912, -19.8519, 22.7541



53.2385, -12.8924, 17.6012



21.7027, 24.5546, 13.8024



25.9036, -6.7541, 9.2027



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.



37.4912, -19.8519, 22.7541



50.0992, -26.8385, 30.4010



35.3098, -28.7809, 21.2535



20.5329, -2.2968, 2.9611



40.0710, -21.2811, 24.3190



88.2017, -47.9916, 53.5093



# Inverse Universe

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



12.4960, 31.3027, -68.7136



16.5348, 41.7212, -93.2281



18.4825, 38.3472, -39.9735



19.0685, 0.2385, -0.9637



13.3216, 33.4357, -73.7328



28.7451, 73.2158, -167.3837



# Previews

## White Background



This preview shows how the HunterLab color 37.4904, -19.8510, 22.7539 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 37.4904, -19.8510, 22.7539 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

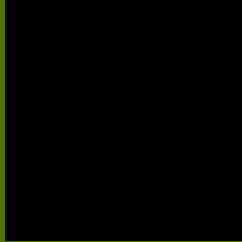
Any Text WCAG AA × Fail

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 37.4904, -19.8510, 22.7539 Background



This preview shows how black text looks on a background with the HunterLab color 37.4904, -19.8510, 22.7539.



This preview shows how white text looks on a background with the HunterLab color 37.4904, -19.8510, 22.7539.

-19.8510, 22.7539.

# 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

37.4904, -19.8510, 22.7539

### Protanopia

37.3560, -5.5347, 22.9217

### Deuteranopia

37.2655, 2.4311, 21.7977



## Tritanopia

37.5238, -4.4614, -2.5842

# Trichromacy



## Original Color

37.4904, -19.8510, 22.7539

## Protanomaly

37.3370, -11.3441, 22.8083

## Deuteranomaly

37.0301, -6.6190, 22.0367

## Tritanomaly

37.0901, -12.4582, 12.5605

# Monochromacy



## Original Color

37.4904, -19.8510, 22.7539

## Achromatopsia

32.7144, -1.7456, 1.7774

## Achromatomaly

33.9188, -10.0417, 13.4921

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 37.4904, -19.8510, 22.7539 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(82, 115, 0)` looks like.

```
.text, #text, p{  
    color:rgb(82, 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(82, 115, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 115, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 37.4904, -19.8510, 22.7539 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(82, 115, 0) }
```



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

```
.border{ border-color:rgb(82, 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(82, 115, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 115, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 115, 0);  
box-shadow:4px 4px 4px 4px rgb(82, 115, 0)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 37.4904, -19.8510, 22.7539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 115, 0) }
```

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

```
.background{ background-color: rgb(82, 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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