

Converting Colors

HunterLab(37.1942, -22.0084,
24.0492)

Have a look what the booklet for
HunterLab(37.1942, -22.0084,
24.0492) contains.

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Color

**HunterLab(37.1456,
-21.2216, 22.5174)**

Conversions

Conversions Part 1

Format	Color
Hex	4C7300
RGB	76, 115, 0
RGB Percent	30%, 45%, 0%
CMY	0.7020, 0.5490, 1.0000
CMYK	0.34, 0.00, 1.00, 0.55
HSL	80°, 100%, 23%
HSV	80°, 100%, 45%
XYZ	9.1112, 13.7980, 2.1831
YIQ	90.2290, 13.6710, -44.0330

Conversions

Conversions Part 2

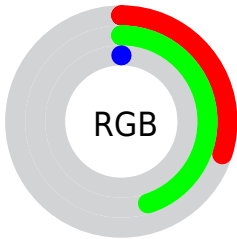
Format	Color
RYB	0, 115, 39
Decimal	5010176
CIELab	43.94, -29.54, 49.01
CIELCh	44, 57.227, 121.076
Yxy	13.7986, 0.3631, 0.5499
Android (android.graphics.Color)	4283200256 (0xFF4C7300)
YUV	90.2290, -44.4829, -12.4788
Hunter-Lab	37.1456, -21.2216, 22.5174

Details

The HunterLab color $[37.1456, -21.2216, 22.5174]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[12.9211, 31.7045, -65.9122]$, and the grayscale version is $[32.2160, -1.7190, 1.7504]$.

A 20% lighter version of the original color is $[57.1327, -25.8916, 30.1701]$, and $[20.1955, -14.9996, 12.1818]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.1463, -21.2232, 22.5178]$, and if you desaturate by 10%, it is $[37.4013, -20.1402, 22.1672]$.

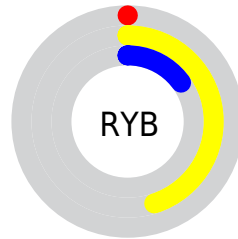
Distribution



Red (30%)

Green (45%)

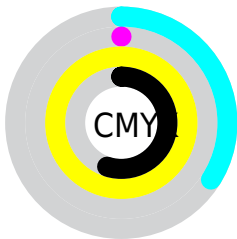
Blue (0%)



Red (0%)

Yellow (45%)

Blue (15%)

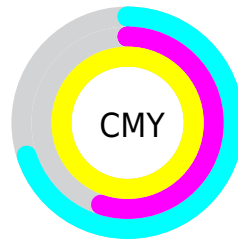


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (70%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.1456, -21.2216, 22.5174 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 37.1456, -21.2216, 22.5174 by changing the saturation by 10% instead.

■ 37.1456, -21.2216,
22.5174

■ 37.1456, -21.2216,
22.5174

146.9606,
-40.4976, 52.3768

■ 28.2501, -18.6556,
18.3799

■ 57.2112, -25.9394,
30.1650

■ 20.2054, -15.8697,
14.1438

■ 68.2750, -28.1582,
33.6917

■ 13.1144, -12.7966,
9.1801

■ 79.9723, -30.3122,
37.0652

■ 6.6066, -11.5616,
4.6246

■ 92.2704, -32.4154,
40.3112

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.1413,
-34.4782, 43.4503


0.0000, NaN, NaN


■ 118.5607,


0.0000, NaN, NaN


-36.5089, 46.4991


0.0000, NaN, NaN


 132.5068,
-38.5136, 49.4709


 37.1456, -21.2216,
22.5174


 37.1456, -21.2216,
22.5174


 37.1463, -21.2232,
22.5178

 37.4013, -20.1402,
22.1672

 37.6823, -18.9339,
21.6121

 38.0009, -17.5400,
20.6873

 38.3591, -15.9492,
19.3610

 38.7588, -14.1566,
17.6115

■ 39.2011, -12.1610,
15.4249

■ 39.6867, -9.9635,
12.7942

■ 40.2162, -7.5681,
9.7179

■ 40.7896, -4.9803,
6.1996

Harmonies

Analogous

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



37.1464, -2.7673, 23.8696



37.1456, -21.2216, 22.5174



37.1464, -31.9903, 16.5892

Triad

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



37.1464, -21.2225, 22.5176



37.1464, -20.1451, -52.4728



37.1464, 49.8409, 2.7625

Complementary

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



37.1456, -21.2216, 22.5174



12.9211, 31.7045, -65.9122

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.



37.1464, 42.2333, -22.8645



37.1456, -21.2216, 22.5174



37.1464, -1.1942, -63.9257

Square

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



37.1464, -21.2225, 22.5176



37.1464, -31.4765, -24.9773



37.1464, 22.1969, -50.8350



37.1464, 41.1161, 17.2671

Rectangle

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



37.1456, -21.2216, 22.5174



37.1464, -34.9615, 7.6857



37.1464, 22.1969, -50.8350



37.1464, 49.0972, -4.7033

Sweetspot

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



37.1464, -21.2225, 22.5176



53.0525, -13.5761, 17.4221



22.4790, 22.3981, 14.2430



25.8039, -7.1224, 9.1091



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.



37.1464, -21.2225, 22.5176



49.6317, -28.6999, 30.0804



35.2169, -29.1752, 21.1893



20.5111, -2.3740, 2.9360



39.7011, -22.7522, 24.0653



87.3634, -51.3372, 52.9342

Inverse Universe

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



12.9211, 31.7045, -65.9122



17.0911, 42.2376, -89.4859



19.2769, 39.4314, -37.3207



19.0910, 0.3151, -0.9336



13.7737, 33.8613, -70.7381



29.6915, 74.0719, -160.8449

Previews

White Background



This preview shows how the HunterLab color 37.1456, -21.2216, 22.5174 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 37.1456, -21.2216, 22.5174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

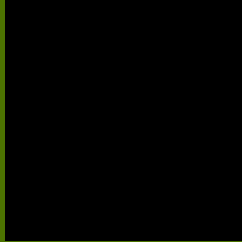
Any Text WCAG AA × Fail

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 37.1456, -21.2216, 22.5174 Background



This preview shows how black text looks on a background with the HunterLab color 37.1456, -21.2216, 22.5174.



This preview shows how white text looks on a background with the HunterLab color 37.1456, -21.2216, 22.5174.

-21.2216, 22.5174.

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

37.1456, -21.2216, 22.5174

Deuteranopia

36.9034, 2.5201, 21.5643

Tritanopia

37.1859, -5.6645, -3.0464

Trichromacy



Original Color

37.1456, -21.2216, 22.5174

Deuteranomaly

36.4854, -7.1708, 21.6815

Tritanomaly

36.7664, -13.6812, 12.2510

Monochromacy



Original Color

37.1456, -21.2216, 22.5174

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

33.3922, -10.6113, 13.5173

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.1456, -21.2216, 22.5174 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(76, 115, 0)` looks like.

```
.text, #text, p{  
    color:rgb(76, 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(76, 115, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 115, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 37.1456, -21.2216, 22.5174 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(76, 115, 0) }
```

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

```
.border{ border-color:rgb(76, 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(76, 115, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 115, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 115, 0);  
box-shadow:4px 4px 4px 4px rgb(76, 115, 0)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 37.1456, -21.2216, 22.5174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 115, 0) }
```

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

```
.background{ background-color: rgb(76, 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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