

Converting Colors

HunterLab(37.9213, -11.5785,
7.4819)

Have a look what the booklet for
HunterLab(37.9213, -11.5785,
7.4819) contains.

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Color

**HunterLab(37.9306,
-11.5238, 7.3440)**

Conversions

Conversions Part 1

Format	Color
Hex	57705C
RGB	87, 112, 92
RGB Percent	34%, 44%, 36%
CMY	0.6588, 0.5608, 0.6392
CMYK	0.22, 0.00, 0.18, 0.56
HSL	132°, 13%, 39%
HSV	132°, 22%, 44%
XYZ	11.6564, 14.3873, 12.2879
YIQ	102.2450, -8.4800, -11.5200

Conversions

Conversions Part 2

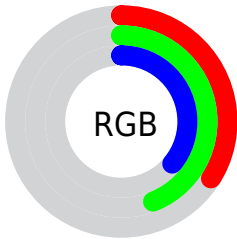
Format	Color
R_{YB}	87, 108, 112
Decimal	5730396
CIE _{Lab}	44.78, -13.58, 8.15
CIE _{LCh}	45, 15.840, 149.036
Yxy	14.3879, 0.3041, 0.3753
Android (android.graphics.Color)	4283920476 (0xFF57705C)
YUV	102.2450, -5.0508, -13.3699
Hunter-Lab	37.9306, -11.5238, 7.3440

Details

The HunterLab color $37.9306, -11.5238, 7.3440$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $33.6497, 8.7190, -3.6227$, and the grayscale version is $36.5649, -1.9510, 1.9866$.

A 20% lighter version of the original color is $58.1569, -14.3784, 9.4945$, and $20.8218, -8.6539, 5.3187$ is the 20% darker color. If you saturate the color by 10%, you get $37.0708, -15.1721, 9.4754$, and if you desaturate by 10%, it is $38.9045, -7.5181, 5.0931$.

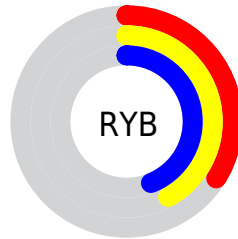
Distribution



Red (34%)

Green (44%)

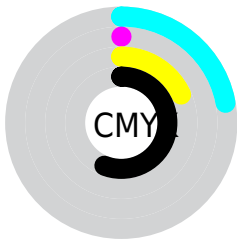
Blue (36%)



Red (34%)

Yellow (42%)

Blue (44%)

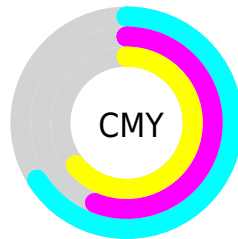


Cyan (22%)

Magenta (0%)

Yellow (18%)

Black (56%)



Cyan (66%)

Magenta (56%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.9306, -11.5238, 7.3440 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 37.9306, -11.5238, 7.3440 by changing the saturation by 10% instead.

■ 37.9306, -11.5238,
7.3440

■ 37.9306, -11.5238,
7.3440

148.1995,
-23.3517, 16.7850

■ 28.9671, -10.1395,
6.3273

■ 58.1169, -14.1980,
9.3712

■ 20.8473, -8.6946,
5.2926

■ 69.2354, -15.5097,
10.3927

■ 13.6711, -7.1485,
4.2172

■ 80.9844, -16.8142,
11.4243

■ 7.2776, -8.5211,
5.0378

■ 93.3318, -18.1160,
12.4679

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.2498,
-19.4184, 13.5250

0.0000, NaN, NaN

119.7142,

0.0000, NaN, NaN

-20.7240, 14.5964

0.0000, NaN, NaN

133.7038,
-22.0346, 15.6829

■ 37.9306, -11.5238,
7.3440

■ 37.9306, -11.5238,
7.3440

■ 37.0708, -15.1721,
9.4754

■ 38.9045, -7.5181,
5.0931

■ 36.3244, -18.4233,
11.4627

■ 39.9871, -3.1933,
2.7442

■ 35.6928, -21.2470,
13.2841

■ 41.1755, 1.4081,
0.3195

■ 35.1745, -23.6209,
14.9198

■ 42.4651, 6.2457,
-2.1613

■ 34.7664, -25.5348,
16.3535

■ 43.8511, 11.2818,
-4.6807

■ 34.4631, -26.9930,
17.5738

■ 45.3285, 16.4818,
-7.2239

■ 34.2556, -28.0190,
18.5743

■ 46.8922, 21.8155,
-9.7785

■ 34.1297, -28.6441,
19.1751

■ 48.5370, 27.2563,
-12.3346

■ 50.2580, 32.7821,
-14.8845

Harmonies

Analogous

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



37.9314, -7.5264, 10.5459



37.9306, -11.5238, 7.3440



37.9314, -13.0048, 2.2510

Triad

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



37.9314, -11.5245, 7.3445



37.9314, -2.2221, -10.7989



37.9314, 8.7277, 7.0680

Complementary

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



37.9306, -11.5238, 7.3440



33.6497, 8.7190, -3.6227

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.



37.9314, 10.3638, 1.8775



37.9306, -11.5238, 7.3440



37.9314, 3.8069, -8.9821

Square

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



37.9314, -11.5245, 7.3445



37.9314, -7.8462, -8.7433



37.9314, 8.5103, -4.1035



37.9314, 4.1678, 10.4049

Rectangle

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



37.9306, -11.5238, 7.3440



37.9314, -12.4409, -1.7382



37.9314, 8.5103, -4.1035



37.9314, 9.6501, 5.5106

Sweetspot

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



37.9314, -11.5245, 7.3445



52.2834, -7.0679, 5.1647



39.2796, -6.8059, 10.4742



25.5997, -3.5720, 2.5900



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



37.9314, -11.5245, 7.3445



49.6411, -17.9403, 11.2770



38.2314, -9.8130, 3.0403



19.4246, -3.0262, 2.1392



36.6916, -30.8226, 20.6759



81.8300, -69.1845, 47.0690

Inverse Universe

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



33.6497, 8.7190, -3.6227



42.6638, 15.1041, -6.5990



33.2959, 6.8820, 1.3933



18.5542, 1.0786, -0.0892



21.9652, 41.4508, -15.5330



48.8975, 92.0653, -32.9524

Previews

White Background



This preview shows how the HunterLab color 37.9306, -11.5238, 7.3440 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 37.9306, -11.5238, 7.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

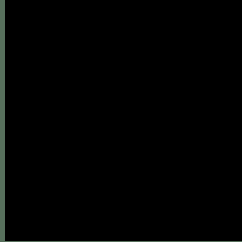
Any Text WCAG AA × Fail

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 37.9306, -11.5238, 7.3440 Background



This preview shows how black text looks on a background with the HunterLab color 37.9306, -11.5238, 7.3440.



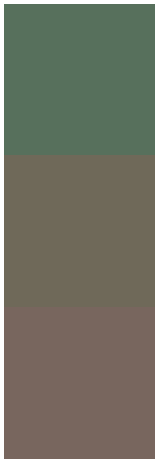
This preview shows how white text looks on a background with the HunterLab color 37.9306,

-11.5238, 7.3440.

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

37.9306, -11.5238, 7.3440

Protanopia

37.6881, -2.4398, 8.3121

Deuteranopia

37.8206, 2.3314, 6.7446



Tritanopia

38.0749, -5.2485, -2.8374

Trichromacy



Original Color

37.9306, -11.5238, 7.3440

Protanomaly

37.7996, -6.2354, 8.0105

Deuteranomaly

37.7975, -3.2691, 6.9889

Tritanomaly

37.9582, -7.6490, 1.0953

Monochromacy



Original Color

37.9306, -11.5238, 7.3440

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

37.0558, -5.6536, 4.2459

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.9306, -11.5238, 7.3440 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(87, 112, 92)` looks like.

```
.text, #text, p{  
    color:rgb(87, 112, 92)  
}
```

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(87, 112, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 112, 92) }
```

Border

The CSS property to change the border of an element to HunterLab 37.9306, -11.5238, 7.3440 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(87, 112, 92) }
```


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

```
.border{ border-color:rgb(87, 112, 92) }
```

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

Here you see how a box with a 4 pixel rgb(87, 112, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 112, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 112, 92);  
box-shadow:4px 4px 4px 4px rgb(87, 112,  
92) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.9306, -11.5238, 7.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 112, 92) }
```

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

```
.background{ background-color: rgb(87, 112,  
92) }
```

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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