

Converting Colors

HunterLab(37.1482, -4.6826,
3.0490)

Have a look what the booklet for
HunterLab(37.1482, -4.6826, 3.0490)
contains.

HunterLab(37.2080, -4.9550, 3.2219)	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(37.2080, -4.9550,
3.2219)

Conversions

Conversions Part 1

Format	Color
Hex	626A65
RGB	98, 106, 101
RGB Percent	38%, 42%, 40%
CMY	0.6157, 0.5843, 0.6039
CMYK	0.08, 0.00, 0.05, 0.58
HSL	142°, 4%, 40%
HSV	142°, 8%, 42%
XYZ	12.5400, 13.8444, 14.3232
YIQ	103.0380, -3.1630, -3.2510

Conversions

Conversions Part 2

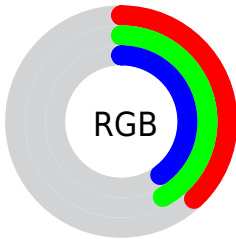
Format	Color
R _Y B	98, 104, 106
Decimal	6449765
CIE Lab	44.01, -4.12, 1.75
CIE LCh	44, 4.475, 157.007
Yxy	13.8449, 0.3081, 0.3401
Android (android.graphics.Color)	4284639845 (0xFF626A65)
YUV	103.0380, -1.0047, -4.4183
Hunter-Lab	37.2080, -4.9550, 3.2219

Details

The HunterLab color $37.2080, -4.9550, 3.2219$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $35.7480, 1.1566, 0.7643$, and the grayscale version is $36.8481, -1.9661, 2.0020$.

A 20% lighter version of the original color is $57.2455, -6.2645, 4.3981$, and $20.3085, -3.4936, 2.2638$ is the 20% darker color. If you saturate the color by 10%, you get $36.2892, -8.6144, 4.7645$, and if you desaturate by 10%, it is $38.2222, -1.0457, 1.6878$.

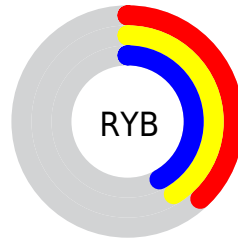
Distribution



Red (38%)

Green (42%)

Blue (40%)



Red (38%)

Yellow (41%)

Blue (42%)

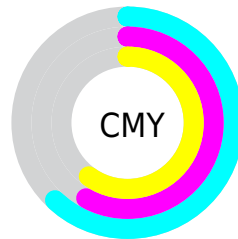


Cyan (8%)

Magenta (0%)

Yellow (5%)

Black (58%)



Cyan (62%)

Magenta (58%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.2080, -4.9550, 3.2219 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 37.2080, -4.9550, 3.2219 by changing the saturation by 10% instead.

■ 37.2080, -4.9550,
3.2219

■ 37.2080, -4.9550,
3.2219

147.0592,
-12.5931, 9.9168

■ 28.3071, -4.2131,
2.6299

■ 57.2832, -6.5009,
4.5062

■ 20.2564, -3.4864,
2.0718

■ 68.3514, -7.3056,
5.1949

■ 13.1585, -2.7686,
1.5485

■ 80.0528, -8.1324,
5.9134

■ 6.6626, -3.0502,
1.4503

■ 92.3548, -8.9812,
6.6605

0.0000, NaN, NaN

0.0000, NaN, NaN

105.2296, -9.8520,
7.4352

0.0000, NaN, NaN

118.6525,

0.0000, NaN, NaN

-10.7444, 8.2367

0.0000, NaN, NaN

132.6021,
-11.6582, 9.0642

■ 37.2080, -4.9550,
3.2219

■ 37.2080, -4.9550,
3.2219

■ 36.2892, -8.6144,
4.7645

■ 38.2222, -1.0457,
1.6878

■ 35.4662, -11.9887,
6.3011

■ 39.3262, 3.0828,
0.1714

■ 34.7415, -15.0475,
7.8178

■ 40.5170, 7.3979,
-1.3178

■ 34.1160, -17.7634,
9.2991

■ 41.7906, 11.8702,
-2.7730

■ 33.5891, -20.1151,
10.7286

■ 43.1428, 16.4727,
-4.1890

■ 33.1588, -22.0891,
12.0898

■ 44.5694, 21.1818,
-5.5624

■ 32.8215, -23.6826,
13.3671

■ 46.0661, 25.9769,
-6.8908

■ 32.5715, -24.9047,
14.5459

■ 47.6290, 30.8404,
-8.1735

■ 32.3853, -25.8442,
15.6010

■ 49.2540, 35.7577,
-9.4104

Harmonies

Analogous

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



37.2088, -3.9391, 4.4294



37.2080, -4.9550, 3.2219



37.2088, -5.1839, 1.6432

Triad

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



37.2088, -4.9558, 3.2225



37.2088, -1.5868, -1.2029



37.2088, 0.6655, 3.8530

Complementary

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



37.2080, -4.9550, 3.2219



35.7480, 1.1566, 0.7643

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.



37.2088, 1.3209, 2.4036



37.2080, -4.9550, 3.2219



37.2088, 0.0054, -0.5506

Square

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



37.2088, -4.9558, 3.2225



37.2088, -3.2586, -0.9596



37.2088, 1.0772, 0.7872



37.2088, -0.6988, 4.7819

Rectangle

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



37.2080, -4.9550, 3.2219



37.2088, -4.8618, 0.5820



37.2088, 1.0772, 0.7872



37.2088, 0.9771, 3.4131

Sweetspot

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



37.2088, -4.9558, 3.2225



50.0144, -3.7581, 3.1500



37.5208, -4.0043, 4.7901



24.2180, -1.7752, 1.5074



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



37.2088, -4.9558, 3.2225



49.0760, -7.4139, 4.6160



37.3148, -4.3675, 1.7090



18.6059, -2.7569, 1.7275



36.0198, -29.0864, 17.7675



81.2113, -66.2590, 41.5271

Inverse Universe

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



35.7480, 1.1566, 0.7643



46.7095, 2.4901, 0.6341



35.6399, 0.5727, 2.3053



17.7358, 0.8845, 0.2634



20.7076, 37.8062, -4.7872



46.5588, 84.6745, -8.2185

Previews

White Background



This preview shows how the HunterLab color 37.2080, -4.9550, 3.2219 looks on a white background.

Color Contrast Check

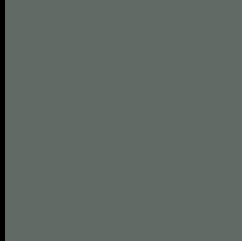
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.2080, -4.9550, 3.2219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

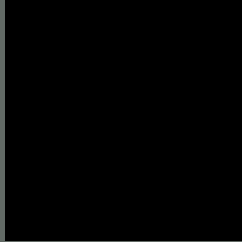
Any Text WCAG AA × Fail

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 37.2080, -4.9550, 3.2219 Background



This preview shows how black text looks on a background with the HunterLab color 37.2080, -4.9550, 3.2219.



This preview shows how white text looks on a background with the HunterLab color 37.2080, -4.9550,

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

37.2080, -4.9550, 3.2219

Protanopia

37.0761, -1.2660, 3.5438

Deuteranopia

37.2981, 2.3137, 3.0413



Tritanopia

37.1513, -1.6581, -2.0690

Trichromacy



Original Color

37.2080, -4.9550, 3.2219

Protanomaly

37.0996, -2.5713, 3.5476

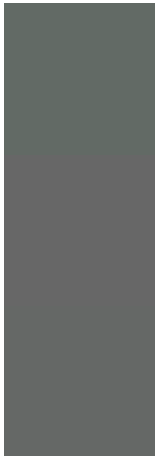
Deuteranomaly

37.2975, -0.3975, 2.9931

Tritanomaly

37.2289, -3.0239, -0.1541

Monochromacy



Original Color

37.2080, -4.9550, 3.2219

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.9143, -3.1142, 2.5019

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.2080, -4.9550, 3.2219 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(98, 106, 101)` looks like.

```
.text, #text, p{  
    color:rgb(98, 106, 101)  
}
```

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(98, 106, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 106, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 37.2080, -4.9550, 3.2219 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(98, 106, 101) }
```


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

```
.border{ border-color:rgb(98, 106, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 106, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 106, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 106, 101);  
box-shadow:4px 4px 4px 4px rgb(98, 106,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.2080, -4.9550, 3.2219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 106, 101) }
```

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

```
.background{ background-color: rgb(98, 106,  
101) }
```

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