

Converting Colors

HunterLab(37.9740, -6.4425,
2.1844)

Have a look what the booklet for
HunterLab(37.9740, -6.4425, 2.1844)
contains.

HunterLab(37.9615, -6.2949, 1.9847)	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(37.9615, -6.2949,
1.9847)**

Conversions

Conversions Part 1

Format	Color
Hex	5F6D6A
RGB	95, 109, 106
RGB Percent	37%, 43%, 42%
CMY	0.6274, 0.5725, 0.5843
CMYK	0.13, 0.00, 0.03, 0.57
HSL	167°, 7%, 40%
HSV	167°, 13%, 43%
XYZ	12.7895, 14.4108, 15.7431
YIQ	104.4720, -7.3810, -3.9010

Conversions

Conversions Part 2

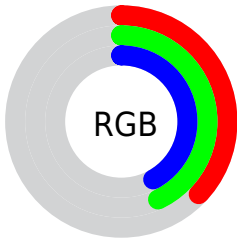
Format	Color
R_{YB}	95, 103, 109
Decimal	6253930
CIE Lab	44.82, -5.92, -0.12
CIE LCh	45, 5.924, 181.118
Yxy	14.4114, 0.2978, 0.3356
Android (android.graphics.Color)	4284444010 (0xFF5F6D6A)
YUV	104.4720, 0.7533, -8.3069
Hunter-Lab	37.9615, -6.2949, 1.9847

Details

The HunterLab color $37.9615, -6.2949, 1.9847$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $35.0968, 2.6837, 2.1517$, and the grayscale version is $37.3849, -1.9948, 2.0312$.

A 20% lighter version of the original color is $58.0404, -7.7370, 3.0438$, and $21.0095, -4.6624, 1.1876$ is the 20% darker color. If you saturate the color by 10%, you get $37.1752, -9.2825, 1.9994$, and if you desaturate by 10%, it is $38.8405, -3.0526, 2.0788$.

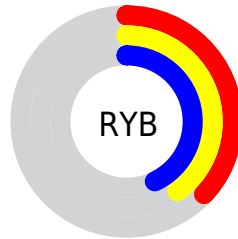
Distribution



Red (37%)

Green (43%)

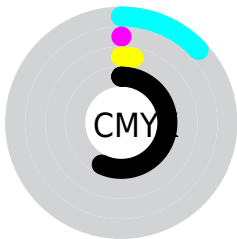
Blue (42%)



Red (37%)

Yellow (40%)

Blue (43%)

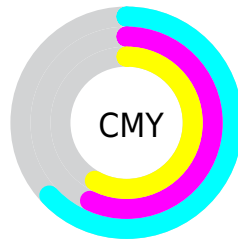


Cyan (13%)

Magenta (0%)

Yellow (3%)

Black (57%)



Cyan (63%)

Magenta (57%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.9615, -6.2949, 1.9847 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 37.9615, -6.2949, 1.9847 by changing the saturation by 10% instead.

■ 37.9615, -6.2949,
1.9847

■ 37.9615, -6.2949,
1.9847

148.2481,
-14.7309, 7.9419

■ 28.9954, -5.4326,
1.5041

■ 58.1525, -8.0538,
3.0719

■ 20.8726, -4.5725,
1.0697

■ 69.2732, -8.9548,
3.6716

■ 13.6931, -3.7027,
0.6875

■ 81.0242, -9.8725,
4.3060

■ 7.3027, -3.9245,
0.3319

■ 93.3735, -10.8078,
4.9731

0.0000, NaN, NaN

0.0000, NaN, NaN

106.2933,
-11.7611, 5.6716

0.0000, NaN, NaN

119.7596,

0.0000, NaN, NaN

-12.7326, 6.3999

0.0000, NaN, NaN

133.7508,
-13.7226, 7.1571

■ 37.9615, -6.2949,
1.9847

■ 37.9615, -6.2949,
1.9847

■ 37.1752, -9.2825,
1.9994

■ 38.8405, -3.0526,
2.0788

■ 36.4803, -11.9898,
2.1221

■ 39.8077, 0.4211,
2.2773

■ 35.8780, -14.3976,
2.3525

■ 40.8612, 4.0995,
2.5767

■ 35.3676, -16.4908,
2.6875

■ 41.9981, 7.9566,
2.9721

■ 34.9469, -18.2613,
3.1215

■ 43.2148, 11.9679,
3.4577

■ 34.6124, -19.7088,
3.6466

■ 44.5079, 16.1106,
4.0276

■ 34.3589, -20.8427,
4.2524

■ 45.8735, 20.3639,
4.6755

■ 34.1779, -21.6889,
4.9244

■ 47.3080, 24.7096,
5.3953

■ 34.0644, -22.2303,
5.4113

■ 48.8077, 29.1315,
6.1810

Harmonies

Analogous

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



37.9623, -5.7760, 4.0186



37.9615, -6.2949, 1.9847



37.9623, -5.6942, -0.1437

Triad

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



37.9623, -6.2956, 1.9853



37.9623, 0.2556, -1.6647



37.9623, 0.1047, 5.5267

Complementary

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



37.9615, -6.2949, 1.9847



35.0968, 2.6837, 2.1517

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.



37.9623, 1.7836, 4.1511



37.9615, -6.2949, 1.9847



37.9623, 1.8722, 0.0047

Square

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



37.9623, -6.2956, 1.9853



37.9623, -1.9424, -2.3258



37.9623, 2.4377, 2.1473



37.9623, -2.1127, 5.9894

Rectangle

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



37.9615, -6.2949, 1.9847



37.9623, -4.7300, -1.3115



37.9623, 2.4377, 2.1473



37.9623, 0.7526, 5.1599

Sweetspot

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



37.9623, -6.2956, 1.9853



51.8179, -4.6519, 2.7580



37.8981, -7.0922, 6.2905



24.9612, -2.3741, 1.3254



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



37.9623, -6.2956, 1.9853



50.5157, -9.4859, 2.6475



36.9425, -4.0821, -0.5288



18.6584, -2.4653, 0.9789



36.8348, -24.0707, 5.9216



83.0686, -54.8143, 14.4999

Inverse Universe

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



35.0968, 2.6837, 2.1517



45.9290, 4.8958, 2.9184



36.0489, 0.4504, 4.4143



17.6817, 0.5931, 1.0346



19.6813, 34.0647, 9.9283



44.3044, 76.4420, 24.2145

Previews

White Background



This preview shows how the HunterLab color 37.9615, -6.2949, 1.9847 looks on a white background.

Color Contrast Check

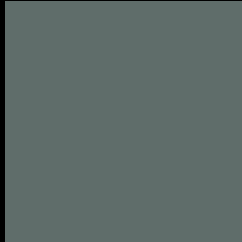
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.9615, -6.2949, 1.9847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

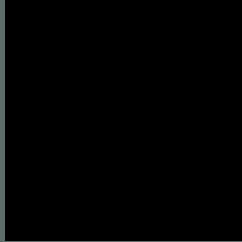
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

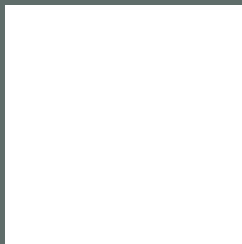
Any Text WCAG AAA ✗ Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 37.9615, -6.2949, 1.9847 Background



This preview shows how black text looks on a background with the HunterLab color 37.9615, -6.2949, 1.9847.



This preview shows how white text looks on a background with the HunterLab color 37.9615, -6.2949, 1.9847.

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

37.9615, -6.2949, 1.9847

Protanopia

37.8031, -1.3030, 2.7306

Deuteranopia

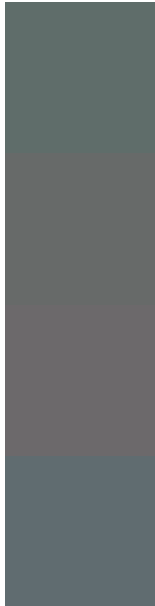
37.9564, 2.1160, 1.6975



Tritanopia

37.8388, -3.2887, -2.6316

Trichromacy



Original Color

37.9615, -6.2949, 1.9847

Protanomaly

37.6982, -3.0093, 2.1576

Deuteranomaly

37.8851, -0.8558, 1.5607

Tritanomaly

37.9233, -4.6537, -0.6793

Monochromacy



Original Color

37.9615, -6.2949, 1.9847

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.5429, -3.5548, 1.9653

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.9615, -6.2949, 1.9847 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(95, 109, 106)` looks like.

```
.text, #text, p{  
    color:rgb(95, 109, 106)  
}
```

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(95, 109, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 109, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 37.9615, -6.2949, 1.9847 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(95, 109, 106) }
```


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

```
.border{ border-color:rgb(95, 109, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 109, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(95, 109, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(95, 109, 106); box-shadow:4px 4px 4px 4px rgb(95, 109, 106) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.9615, -6.2949, 1.9847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 109, 106) }
```

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

```
.background{ background-color: rgb(95, 109,  
106) }
```

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