

Converting Colors

HunterLab(37.5461, -6.9237,
4.9883)

Have a look what the booklet for
HunterLab(37.5461, -6.9237, 4.9883)
contains.

HunterLab(37.5166, -6.9223, 5.1236)	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(37.5166, -6.9223,
5.1236)

Conversions

Conversions Part 1

Format	Color
Hex	606C61
RGB	96, 108, 97
RGB Percent	38%, 42%, 38%
CMY	0.6235, 0.5765, 0.6196
CMYK	0.11, 0.00, 0.10, 0.58
HSL	125°, 6%, 40%
HSV	125°, 11%, 42%
XYZ	12.3441, 14.0750, 13.3754
YIQ	103.1580, -3.6210, -5.9650

Conversions

Conversions Part 2

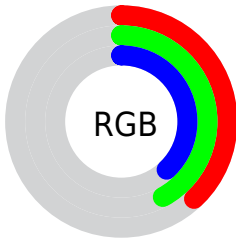
Format	Color
R_{YB}	96, 107, 108
Decimal	6319201
CIE Lab	44.34, -6.88, 4.61
CIE LCh	44, 8.285, 146.153
Yxy	14.0756, 0.3102, 0.3537
Android (android.graphics.Color)	4284509281 (0xFF606C61)
YUV	103.1580, -3.0359, -6.2776
Hunter-Lab	37.5166, -6.9223, 5.1236

Details

The HunterLab color $37.5166, -6.9223, 5.1236$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $35.5186, 3.2825, -1.2765$, and the grayscale version is $36.9008, -1.9689, 2.0049$.

A 20% lighter version of the original color is $57.5651, -8.4083, 6.4677$, and $20.6267, -5.1015, 3.6182$ is the 20% darker color. If you saturate the color by 10%, you get $36.5460, -10.9527, 7.6643$, and if you desaturate by 10%, it is $38.5987, -2.5689, 2.4148$.

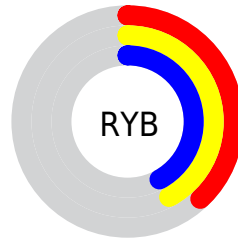
Distribution



Red (38%)

Green (42%)

Blue (38%)



Red (38%)

Yellow (42%)

Blue (42%)

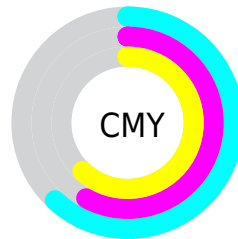


Cyan (11%)

Magenta (0%)

Yellow (10%)

Black (58%)



Cyan (62%)

Magenta (58%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5166, -6.9223, 5.1236 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 37.5166, -6.9223, 5.1236 by changing the saturation by 10% instead.

■ 37.5166, -6.9223,
5.1236

■ 37.5166, -6.9223,
5.1236

147.5467,
-15.7702, 13.0284

■ 28.5889, -5.9964,
4.3461

■ 57.6394, -8.7926,
6.7337

■ 20.5085, -5.0646,
3.5805

■ 68.7292, -9.7436,
7.5688

■ 13.3770, -4.1115,
2.8178

■ 80.4510, -10.7083,
8.4252

■ 6.9324, -4.6953,
3.1365

■ 92.7724, -11.6880,
9.3031

0.0000, NaN, NaN

0.0000, NaN, NaN

105.6657,
-12.6836, 10.2025

0.0000, NaN, NaN

119.1064,

0.0000, NaN, NaN

-13.6957, 11.1233

0.0000, NaN, NaN

133.0731,
-14.7244, 12.0653

■ 37.5166, -6.9223,
5.1236

■ 37.5166, -6.9223,
5.1236

■ 36.5460, -10.9527,
7.6643

■ 38.5987, -2.5689,
2.4148

■ 35.6876, -14.6148,
10.0082

■ 39.7857, 2.0662,
-0.4368

■ 34.9444, -17.8697,
12.1296

■ 41.0738, 6.9401,
-3.4054

■ 34.3169, -20.6841,
14.0051

■ 42.4579, 12.0135,
-6.4678

■ 33.8041, -23.0344,
15.6164

■ 43.9327, 17.2511,
-9.6036

■ 33.4027, -24.9094,
16.9513

■ 45.4929, 22.6217,
-12.7954

■ 33.1074, -26.3137,
18.0060

■ 47.1334, 28.0986,
-16.0283

■ 32.9099, -27.2698,
18.7859

■ 48.8491, 33.6593,
-19.2904

■ 32.7801, -27.8941,
19.2431

■ 50.6352, 39.2852,
-22.5719

Harmonies

Analogous

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



37.5174, -4.6474, 6.8736



37.5166, -6.9223, 5.1236



37.5174, -7.8819, 2.4283

Triad

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



37.5174, -6.9231, 5.1241



37.5174, -2.4111, -4.2018



37.5174, 3.6136, 4.5041

Complementary

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



37.5166, -6.9223, 5.1236



35.5186, 3.2825, -1.2765

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.



37.5174, 4.2599, 1.6519



37.5166, -6.9223, 5.1236



37.5174, 0.7150, -3.5317

Square

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



37.5174, -6.9231, 5.1241



37.5174, -5.3320, -3.0882



37.5174, 3.1827, -1.3257



37.5174, 1.4445, 6.5369

Rectangle

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



37.5166, -6.9223, 5.1236



37.5174, -7.6694, 0.3965



37.5174, 3.1827, -1.3257



37.5174, 4.0192, 3.6165

Sweetspot

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



37.5174, -6.9231, 5.1241



50.8487, -4.5708, 3.9222



38.3355, -4.0515, 6.4358



24.9662, -2.4500, 2.0545



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.



37.5174, -6.9231, 5.1241



49.4082, -10.4084, 7.5640



37.6720, -6.0579, 2.9110



18.5701, -2.9566, 2.2400



35.7967, -30.4820, 21.0591



80.7687, -69.0295, 48.0610

Inverse Universe

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



35.5186, 3.2825, -1.2765



46.2350, 5.7987, -2.5995



35.3465, 2.3625, 1.1692



17.7757, 1.0987, -0.3035



22.0801, 42.6704, -23.3873



49.7794, 96.1030, -51.9743

Previews

White Background



This preview shows how the HunterLab color 37.5166, -6.9223, 5.1236 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 37.5166, -6.9223, 5.1236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

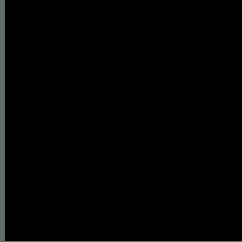
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

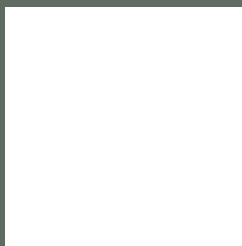
Any Text WCAG AAA × Fail

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

HunterLab 37.5166, -6.9223, 5.1236 Background



This preview shows how black text looks on a background with the HunterLab color 37.5166, -6.9223, 5.1236.

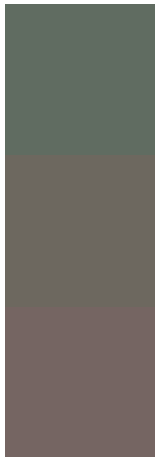


This preview shows how white text looks on a background with the HunterLab color 37.5166, -6.9223, 5.1236.

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

37.5166, -6.9223, 5.1236

Protanopia

37.3872, -1.8211, 5.8370

Deuteranopia

37.3779, 2.3746, 4.7444



Tritanopia

37.6505, -2.6587, -1.9158

Trichromacy



Original Color

37.5166, -6.9223, 5.1236

Protanomaly

37.2703, -3.5755, 5.2987

Deuteranomaly

37.4616, -1.4148, 4.7705

Tritanomaly

37.6759, -4.3349, 0.8134

Monochromacy



Original Color

37.5166, -6.9223, 5.1236

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

37.0838, -3.9775, 3.0968

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5166, -6.9223, 5.1236 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(96, 108, 97)` looks like.

```
.text, #text, p{  
    color:rgb(96, 108, 97)  
}
```

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(96, 108, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 108, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5166, -6.9223, 5.1236 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(96, 108, 97) }
```


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

```
.border{ border-color:rgb(96, 108, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 108, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 108, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 108, 97);  
box-shadow:4px 4px 4px 4px rgb(96, 108,  
97) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5166, -6.9223, 5.1236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 108, 97) }
```

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

```
.background{ background-color: rgb(96, 108,  
97) }
```

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