

Converting Colors

HunterLab(37.0921, -1.9078,
4.9827)

Have a look what the booklet for
HunterLab(37.0921, -1.9078, 4.9827)
contains.

HunterLab(36.9741, -1.8239, 5.0058)	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(36.9741, -1.8239,
5.0058)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6760
RGB	107, 103, 96
RGB Percent	42%, 40%, 38%
CMY	0.5804, 0.5961, 0.6235
CMYK	0.00, 0.04, 0.10, 0.58
HSL	38°, 5%, 40%
HSV	38°, 10%, 42%
XYZ	13.0250, 13.6708, 13.0186
YIQ	103.3980, 4.6310, -1.3290

Conversions

Conversions Part 2

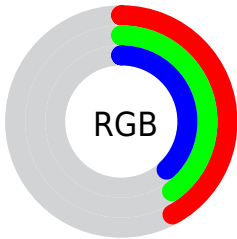
Format	Color
RYB	102, 107, 96
Decimal	7038816
CIELab	43.76, 0.21, 4.50
CIELCh	44, 4.506, 87.391
Yxy	13.6714, 0.3280, 0.3442
Android (android.graphics.Color)	4285228896 (0xFF6B6760)
YUV	103.3980, -3.6472, 3.1590
Hunter-Lab	36.9741, -1.8239, 5.0058

Details

The HunterLab color $36.9741, -1.8239, 5.0058$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $35.5844, -1.9027, -1.2830$, and the grayscale version is $36.9916, -1.9738, 2.0098$.

A 20% lighter version of the original color is $56.9698, -3.0542, 6.7494$, and $20.0482, -0.7756, 3.4158$ is the 20% darker color. If you saturate the color by 10%, you get $35.6817, -1.4726, 7.5760$, and if you desaturate by 10%, it is $38.3065, -2.0418, 2.1665$.

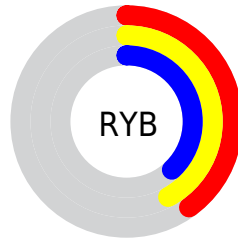
Distribution



Red (42%)

Green (40%)

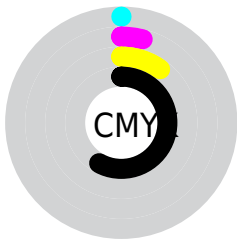
Blue (38%)



Red (40%)

Yellow (42%)

Blue (38%)

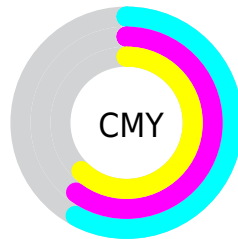


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (58%)



Cyan (58%)

Magenta (60%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.9741, -1.8239, 5.0058 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 36.9741, -1.8239, 5.0058 by changing the saturation by 10% instead.

■ 36.9741, -1.8239,
5.0058

■ 36.9741, -1.8239,
5.0058

■ 146.6892, -7.5975,
12.8513

■ 28.0936, -1.3636,
4.2367

■ 57.0131, -2.8719,
6.6005

■ 20.0655, -0.9493,
3.4801

■ 68.0648, -3.4516,
7.4286

■ 12.9933, -0.5881,
2.7269

■ 79.7507, -4.0658,
8.2782

■ 6.4501, -0.2059,
3.2437

■ 92.0380, -4.7127,
9.1496

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.8986, -5.3905,
10.0428

0.0000, NaN, NaN

■ 118.3080, -6.0980,

0.0000, NaN, NaN

10.9576

0.0000, NaN, NaN

132.2446, -6.8341,
11.8938

■ 36.9741, -1.8239,
5.0058

■ 36.9741, -1.8239,
5.0058

■ 35.6817, -1.4726,
7.5760

■ 38.3065, -2.0418,
2.1665

■ 34.4288, -0.9781,
9.8573

■ 39.6745, -2.1304,
-0.9256

■ 33.2185, -0.3351,
11.8322

■ 41.0770, -2.0982,
-4.2527

■ 32.0528, 0.4615,
13.4837

■ 42.5121, -1.9522,
-7.7984

■ 30.9338, 1.4151,
14.7969

■ 43.9783, -1.6995,
-11.5475

■ 29.8633, 2.5269,
15.7609

■ 45.4738, -1.3467,
-15.4856

■ 28.8429, 3.7945,
16.3708

■ 46.9972, -0.9003,
-19.5997

■ 27.8737, 5.2112,
16.6315

■ 48.5472, -0.3662,
-23.8776

■ 26.9698, 6.6604,
16.7352

■ 50.1224, 0.2499,
-28.3082

Harmonies

Analogous

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



36.9749, -0.1840, 4.5546



36.9741, -1.8239, 5.0058



36.9749, -3.4772, 4.6866

Triad

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



36.9749, -1.8249, 5.0064



36.9749, -4.8527, 0.5427



36.9749, 0.8393, 0.2849

Complementary

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



36.9741, -1.8239, 5.0058



35.5844, -1.9027, -1.2830

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.



36.9749, -0.4481, -0.8773



36.9741, -1.8239, 5.0058



36.9749, -3.7323, -0.7237

Square

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



36.9749, -1.8249, 5.0064



36.9749, -5.2064, 2.1549



36.9749, -2.1246, -1.2544



36.9749, 1.3716, 1.8698

Rectangle

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



36.9741, -1.8239, 5.0058



36.9749, -4.3667, 4.0706



36.9749, -2.1246, -1.2544



36.9749, 0.4794, -0.1708

Sweetspot

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



36.9749, -1.8249, 5.0064



50.7548, -2.6685, 4.0001



35.2314, 1.9212, 1.4388



24.9089, -1.3040, 2.1004



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.



36.9749, -1.8249, 5.0064



49.1171, -2.3600, 7.4376



37.9417, -4.0259, 6.0157



18.4598, -0.9248, 2.3095



29.6480, 7.5406, 18.4010



65.6479, 19.5634, 40.7944

Inverse Universe

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



35.5844, -1.9027, -1.2830



46.8883, -2.4829, -2.6468



34.6333, 0.2945, -2.4672



17.8565, -0.9588, -0.4187



17.2988, 11.8177, -47.1330



37.0406, 31.6596, -114.6416

Previews

White Background



This preview shows how the HunterLab color 36.9741, -1.8239, 5.0058 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 36.9741, -1.8239, 5.0058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

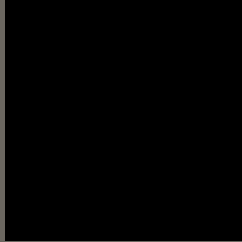
Any Text WCAG AA × Fail

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 36.9741, -1.8239, 5.0058 Background



This preview shows how black text looks on a background with the HunterLab color 36.9741, -1.8239, 5.0058.



This preview shows how white text looks on a background with the HunterLab color 36.9741, -1.8239,

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

36.9741, -1.8239, 5.0058

Protanopia

36.9741, -1.8239, 5.0058

Deuteranopia

37.0006, 2.3896, 4.7194



Tritanopia

36.9631, 1.5737, -0.4031

Trichromacy



Original Color

36.9741, -1.8239, 5.0058

Protanomaly

36.9741, -1.8239, 5.0058

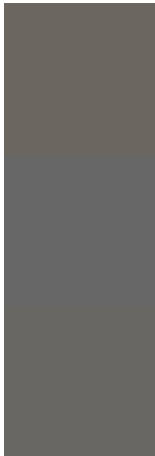
Deuteranomaly

36.9880, 1.0063, 4.6813

Tritanomaly

37.0005, 0.0602, 1.8143

Monochromacy



Original Color

36.9741, -1.8239, 5.0058

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.8289, -2.1242, 3.2469

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.9741, -1.8239, 5.0058 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(107, 103, 96)` looks like.

```
.text, #text, p{  
    color:rgb(107, 103, 96)  
}
```

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(107, 103, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 103, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 36.9741, -1.8239, 5.0058 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(107, 103, 96) }
```


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

```
.border{ border-color:rgb(107, 103, 96) }
```

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

Here you see how a box with a 4 pixel rgb(107, 103, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 103, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 103, 96);  
box-shadow:4px 4px 4px 4px rgb(107, 103,  
96) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.9741, -1.8239, 5.0058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 103, 96) }
```

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

```
.background{ background-color: rgb(107,  
103, 96) }
```

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