

Converting Colors

HunterLab(37.3092, -1.5632,
-5.3960)

Have a look what the booklet for
HunterLab(37.3092, -1.5632,
-5.3960) contains.

HunterLab(37.4174, -1.6915, -5.1297)	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(37.4174, -1.6915,
-5.1297)**

Conversions

Conversions Part 1

Format	Color
Hex	616978
RGB	97, 105, 120
RGB Percent	38%, 41%, 47%
CMY	0.6196, 0.5882, 0.5294
CMYK	0.19, 0.12, 0.00, 0.53
HSL	219°, 11%, 43%
HSV	219°, 19%, 47%
XYZ	13.3715, 14.0006, 19.7670
YIQ	104.3180, -9.5830, 2.9690

Conversions

Conversions Part 2

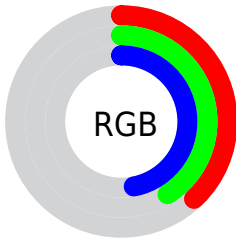
Format	Color
R_{YB}	97, 103, 120
Decimal	6383992
CIE _{Lab}	44.23, 0.42, -9.39
CIE _{LCh}	44, 9.403, 272.542
Yxy	14.0012, 0.2837, 0.2970
Android (android.graphics.Color)	4284574072 (0xFF616978)
YUV	104.3180, 7.7312, -6.4179
Hunter-Lab	37.4174, -1.6915, -5.1297

Details

The HunterLab color $37.4174, -1.6915, -5.1297$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $40.5518, -1.8679, 8.4196$, and the grayscale version is $37.3017, -1.9903, 2.0267$.

A 20% lighter version of the original color is $57.4903, -2.6569, -4.8727$, and $20.4257, -0.8053, -5.2241$ is the 20% darker color. If you saturate the color by 10%, you get $34.4522, -1.0835, -9.3699$, and if you desaturate by 10%, it is $40.4713, -2.0955, -1.1306$.

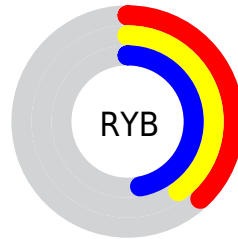
Distribution



Red (38%)

Green (41%)

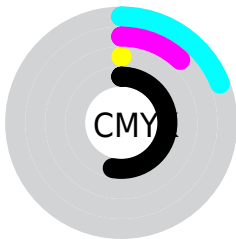
Blue (47%)



Red (38%)

Yellow (40%)

Blue (47%)

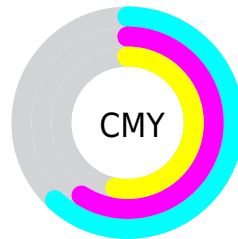


Cyan (19%)

Magenta (12%)

Yellow (0%)

Black (53%)



Cyan (62%)

Magenta (59%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4174, -1.6915, -5.1297 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 37.4174, -1.6915, -5.1297 by changing the saturation by 10% instead.

■ 37.4174, -1.6915,
-5.1297

■ 37.4174, -1.6915,
-5.1297

■ 147.3900, -7.3888,
-2.7094

■ 28.4982, -1.2422,
-5.1077

■ 57.5249, -2.7190,
-4.9595

■ 20.4274, -0.8404,
-5.0036

■ 68.6077, -3.2896,
-4.7827

■ 13.3067, -0.4933,
-4.8069

■ 80.3230, -3.8951,
-4.5516

■ 6.8469, -0.1003,
-5.4405

■ 92.6382, -4.5337,
-4.2706

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.5255, -5.2037,
-3.9431

0.0000, NaN, NaN

■ 118.9605, -5.9036,

0.0000, NaN, NaN

-3.5721

0.0000, NaN, NaN

132.9217, -6.6324,
-3.1601

■ 37.4174, -1.6915,
-5.1297

■ 37.4174, -1.6915,
-5.1297

■ 34.4522, -1.0835,
-9.3699

■ 40.4713, -2.0955,
-1.1306

■ 31.5848, -0.2302,
-13.8981

■ 43.6025, -2.3257,
2.6642

■ 28.8298, 0.9153,
-18.7633

■ 46.8042, -2.4091,
6.2885

■ 26.2045, 2.4088,
-24.0160

■ 50.0701, -2.3669,
9.7699

■ 23.7303, 4.3122,
-29.6992

■ 53.3950, -2.2167,
13.1315

■ 21.4333, 6.6866,
-35.8309

■ 56.7744, -1.9728,
16.3926

■ 19.3444, 9.5755,
-42.3755

■ 60.2044, -1.6470,
19.5692

■ 17.4553, 12.8621,
-49.3763

■ 63.6820, -1.2491,
22.6746

■ 17.3033, 13.1410,
-49.9952

■ 67.2040, -0.7875,
25.7200

Harmonies

Analogous

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



37.4182, -5.1262, -4.2658



37.4174, -1.6915, -5.1297



37.4182, 1.7845, -3.9274

Triad

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



37.4182, -1.6921, -5.1290



37.4182, 3.9954, 5.3972



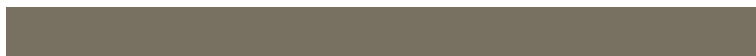
37.4182, -7.9245, 4.9377

Complementary

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



37.4174, -1.6915, -5.1297



40.5518, -1.8679, 8.4196

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.



37.4182, -5.6370, 7.1566



37.4174, -1.6915, -5.1297



37.4182, 1.2353, 7.4038

Square

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



37.4182, -1.6921, -5.1290



37.4182, 5.1445, 2.3266



37.4182, -2.3040, 8.0167



37.4182, -8.6430, 1.7446

Rectangle

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



37.4174, -1.6915, -5.1297



37.4182, 3.6356, -2.1775



37.4182, -2.3040, 8.0167



37.4182, -7.3179, 5.8116

Sweetspot

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



37.4182, -1.6921, -5.1290



54.9162, -2.8936, 0.0463



41.4045, -9.6519, 3.4138



26.6350, -1.4002, -0.0996



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



37.4182, -1.6921, -5.1290



47.8791, -1.9255, -9.2324



35.5540, 2.9000, -7.6736



20.2498, -1.0491, -0.5499



18.0037, 13.8969, -52.5026



37.4262, 35.2207, -122.8109

Inverse Universe

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



36.8276, 6.1739, 1.2839



46.9825, 10.8346, 1.4923



42.4819, -6.4835, 10.2794



20.0897, 0.8329, 0.8888



21.2934, 37.3009, 7.2841



46.3478, 80.8859, 18.2140

Previews

White Background



This preview shows how the HunterLab color 37.4174, -1.6915, -5.1297 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 37.4174, -1.6915, -5.1297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

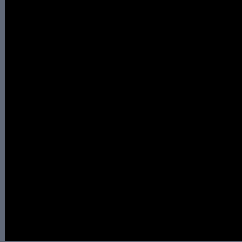
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

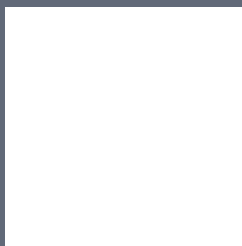
Any Text WCAG AAA × Fail

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

HunterLab 37.4174, -1.6915, -5.1297 Background



This preview shows how black text looks on a background with the HunterLab color 37.4174, -1.6915, -5.1297.



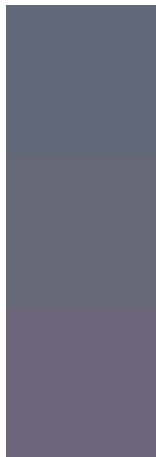
This preview shows how white text looks on a background with the HunterLab color 37.4174, -1.6915, -5.1297.

-5.1297.

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

37.4174, -1.6915, -5.1297

Protanopia

37.4931, -0.1053, -4.4978

Deuteranopia

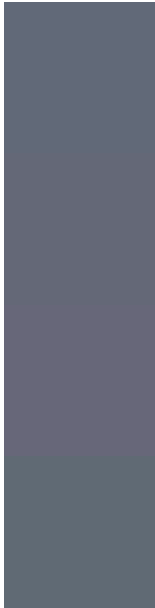
37.4286, 2.5354, -5.5470



Tritanopia

37.4296, -3.4332, -2.2134

Trichromacy



Original Color

37.4174, -1.6915, -5.1297

Protanomaly

37.3388, -0.6352, -4.7162

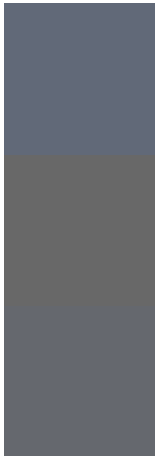
Deuteranomaly

37.3692, 0.9756, -5.6565

Tritanomaly

37.4911, -3.0944, -3.0825

Monochromacy



Original Color

37.4174, -1.6915, -5.1297

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.1391, -1.8795, -0.6983

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4174, -1.6915, -5.1297 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(97, 105, 120)` looks like.

```
.text, #text, p{  
    color:rgb(97, 105, 120)  
}
```

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(97, 105, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 105, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4174, -1.6915, -5.1297 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(97, 105, 120) }
```


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

```
.border{ border-color:rgb(97, 105, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 105, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 105, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 105, 120);  
box-shadow:4px 4px 4px 4px rgb(97, 105,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4174, -1.6915, -5.1297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 105, 120) }
```

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

```
.background{ background-color: rgb(97, 105,  
120) }
```

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